

## **API OBJECTIVES**

PUSH API – For Addition, Updation and deletion of employees in ZingHR as per details of parent system.

## **API DESCRIPTION**

This information should auto push from the API to ZingHR.

There might be scenario where the parent system will generate the e-code and then push information.

Or the parent system will share information and ZingHR to generate the e-code automatically as per configuration of the e-code setup series.

Also, there might be modifications and deletions (resignation) put in some other system which needs to be updated in ZingHR automatically.

## **IMPORTANT NOTES ON API**

- Employee Code, First Name, Date Of Birth, Date Of Joining is mandatory to create employee.
- When employee create/update request is sent, below properties are checked for duplication
  - Employee Code
  - Mobile Number
  - Email Address
  - PAN Number
  - Aadhar Number
  - PF Account Number
  - UAN Number
- Employee Code is mandatory to update employee details.
- When employee update request is sent, below properties are not updated in the system
  - Employee Code
  - Role
- When employee insert/update request is sent, below properties are checked for master exists
  - Marital Status
  - Blood Group
  - Employment Type
  - Physical Status
  - Employment Status
  - Branch Master
  - Bank Master
  - Bank Code
  - Wages Code
  - Payment Mode
  - PT State
  - PF Type
  - VPF Type
  - EPS Type

## API DETAILS

<b>API Name</b>	PUSH API
<b>Method</b>	POST
<b>URL</b>	<a href="https://portal.zinghr.com/2015/Route/EmployeeMaster/employee-creation">https://portal.zinghr.com/2015/Route/EmployeeMaster/employee-creation</a>
<b>Description</b>	This information should auto push from the API to ZingHR
<b>Input Format</b>	JSON
<b>Output Format</b>	JSON

## INPUT

The following input fields are required to Push Employees to ZingHR.

<b>Proprty Type</b>	<b>Data Type</b>	<b>Description</b>	<b>Mandatory</b>	<b>Remarks</b>
SubscriptionName	String	Subscription name of the account	Yes	Max length 10 characters
Token	String	Security check to verify the account and request.	Yes	
Flag	String	For Insertion/ modification / Deletion	Yes	Insert - A Modification - U Deletion - D

## Elements of Employee Collection:

EmpCode	String	Employee Code of an employee.	Yes	
Salutation	String	Salutation of an employee.		
FirstName	String	First Name of an employee.	Yes	
MiddleName	String	Middle name of an employee.		
LastName	String	Last name of an employee.		
FatherName	String	Father name of an employee.		
OfficialEmail	String	Official email of an employee.		
PersonalEmail	String	Personal email of an employee.		
DateOfBirth	DateTime	Date of birth of an employee.	Yes	
MaritalStatus	String	Marital Status of an employee.		
DateOfMarriage	DateTime	Date of		

		marriage of an employee.		
Gender	String	Gender of an employee.		
BloodGroup	String	Blood group of an employee.		
MobileNumber	String	Mobile number of an employee.		
EmploymentType	String	Employment type of an employee.		
Address	String	Address of an employee.		
EmploymentStatus	String	Employment Status of an employee.		
DateOfJoining	DateTime	Date of joining of an employee.	Yes	
ReportingManagerCode	String	Reporting manager code of an employee.		
DateOfConfirmation	DateTime	Date of confirmation of an employee.		
SpouseName	String	Spouse name of an employee.		

### Bank Details Collection

AccountNo	String	Bank account number of an employee.		
BankCode	String	Bank branch code of an employee.		
BankName	String	Bank name of an employee.		
IFSC_Code	String	IFSC code of an employee.		

### Identity Details Collection

PanNumber	String	PAN Number of an employee.		
AadharNumber	String	Aadhar number of an employee.		
UAN	String	UAN No. Of an employee.		

## Payroll Details Collection

PTState	String	PT State of an employee.		
WagesCode	String	Wages code of an employee.		
PFApplicable	String	PF Applicability for of an employee.		
ESICApplicable	String	ESIC Applicability of an employee.		
PTApplicable	String	PT applicability of an employee.		
PhysicalStatus	String	Physical status of an employee.		
GroupDOJ	String	GroupDOJ of an employee.		
PFAccountNumber	String	PF account number of an employee		
PFTType	String	PF type of an employee.		
PFBaseSalaryLimit	String	PF base salary limit of an employee.		
PFDenotion	String	PF Denotion of an employee.		
PFDenotionFigure	String	PF Denotion figure of an employee.		
ESICAccountNumber	String	ESIC account number of an employee.		
ESICDenotion	String	ESIC Denotion of an employee.		
ESICDenotionFigure	String	ESIC Denotion figure of an employee.		
ESICLocationID	String	ESIC location id of an employee.		
EPApplicable	String	EP Applicability of an employee.		
EPSType	String	EP type of an employee.		

EPSTBaseSalaryLimit	String	EPS base salary limit of an employee.		
EPSTDenotion	String	EPS Denotion of an employee.		
EPSTDenotionFigure	String	EPS Denotion figure of an employee.		
VPFType	String	VPF type of an employee.		
VPFBaseSalaryLimit	String	VPF base salary limit of an employee.		
VPFSalaryDenotion	String	VPF Salary Denotion of an employee.		
VPFSalaryDenotionFigure	String	VPF salary Denotion figure of an employee.		
PayHeads				

#### **PayHeads Collection Details**

HeadCode	String	Pay head code of an employee.		
MonthlyRate	String	MOntly value of payhead of an employee.		
YearlyRate	String	Yearly value of payhead an employee		
Fromdate	String	From date from which payhead applicable.		

#### **Skills Collection Details ( below fields are Mandatory If we used Skill details in PUSH API )**

SkillsName	String	Skill of an employee	Yes	
FromMonth	String	From month for skill		
FromYear	String	From year for skill		
ToMonth	String	To month for skill		
ToYear	String	To year for skill		
Level	String	Level of skill		
LastUsedMonth	String	Last used month of skill		

LastUsedYear	String	Last used year of skills		
--------------	--------	--------------------------	--	--

**Qualification Collection Details ( below fields are Mandatory If we used Qualification details in PUSH API )**

Qualification	String	Qualification of an employee.	Yes	
Stream	String	Stream of an qualification.		
University	String	University of an employee.		
Institute	String	Institute of an employee.		
FromMonth	String	From month for qualification.		
FromYear	String	From year for qualification.		
ToMonth	String	To month for qualification.		
ToYear	String	TO year for qualification.		
PassMonth	String	Pass month for qualification		
PassYear	String	Pass year for qualification.		
Country	String	Country for qualification		
State	String	State for qualification		
City	String	City for qualification		
ExpiryDate	DateTime	Expiry date for an qualification.		
Major	String	Major for an qualification.		
FromDate	DateTime	Fromdate of an qualification.		
ToDate	DateTime	Todate for an qualification.		

**Certifications Collection Details ( below fields are Mandatory If we used Certification details in PUSH API )**

Qualification	String	Qualification of an Certification	Yes	
Stream	String	Stream of an Certification.		
Specialization	String	Specialization of		

		an Certification		
University	String	University of an employee.		
Institute	String	Institute of an employee.		
FromMonth	String	From month for Certification.		
FromYear	String	From year for Certification.		
ToMonth	String	To month for Certification.		
ToYear	String	TO year for Certification.		
PassMonth	String	Pass month for Certification		
PassYear	String	Pass year for Certification.		
Country	String	Country for Certification		
State	String	State for Certification		
City	String	City for Certification		
ExpiryDate	DateTime	Expiry date of an Certification.		
Major	String	Major of an Certification		
FromDate	DateTime	From date of an Certification.		
ToDate	DateTime	To date of an Certification.		

**Employment History Details ( below fields are Mandatory If we used Employment History details in PUSH API )**

CompanyName	String	Company name of an employee.	Yes	
Designation	String	Designation of an employee.		
FromDate	DateTime	From date for job period.		
ToDate	DateTime	To date for job period		
EmploymentRole	String	Role of an employee		
LastDrawnSalary	String	Last salary in this company of an employee.		
ReportingManager	String	Reporting manager name		

		of an employee		
ReasonForChange	String	Reason for change		
AboutCompany	String	About company		
CompanyAddress	String	Company address of an employee		
WebLink	String	Any web site link		
FromMonth	String	From month started		
FromYear	String	From year started		
ToMonth	String	To month job end		
ToYear	String	To year job end		
PFNumber	String	PF Account Number		
ESICNumber	String	ESIC Account Number		

**Attribute Details Collection ( below fields are Mandatory If we used Attribute details in PUSH API )**

AttributeTypeCode	String	Attribute type code of an employee.	Yes	
AttributeTypeUnitCode	String	Attribute unit type code of an employee.	Yes	

**API Code & Message For Success**

ReturnCode	200
Message - For A	Success : Employee Created
Message - For U	Success : Employee Modified
Message - For D	Success : Employee Deleted

**API Code & Message For Invalid**

Message	The request is invalid
Model	
E-Code	Employee Code is already exists in the system.



## API Example

```
{
  "SubscriptionName": "<<Your Account Name>>",
  "Token": "<<Your API Token>>",
  "Flag": "A",
  "Employee": [
    {
      "EmpCode": "ZING001",
      "FirstName": "Santosh",
      "LastName": "Ghela",
      "EmploymentStatus": "NewJoinee",
      "DateOfJoining": "05/02/2013",
      "DateOfBirth": "10/14/1994",
      "Identity":
      {
        "PanNumber": "EOPPS9488R",
        "AadharNumber": "223156892023",
        "UANNumber": "UAN1818"
      }
    },

    "Attribute":
    [
      {
        "AttributeTypeCode": "Company Code",
        "AttributeTypeUnitCode": "ZINGHR"
      },
      {
        "AttributeTypeCode": "Company Name",
        "AttributeTypeUnitCode": "Cnergyis PVT LTD"
      },
    ],

    "Payroll":
    {
      "PhysicalStatus": "Disabled",
      "WagesCode": "Regular",
      "PFApplicable": "1",
      "ESICApplicable": "0",
      "PTApplicable": "1",
      "LWFApplicable": "0",
      "PTState": "Maharashtra",
      "GroupDOJ": "12-09-2017",
      "PFAccountNumber": "DSEFJ0098447",
      "PFType": "RPFC",
      "PFBaseSalaryLimit": "1800",
      "PFDenotion": "R",
      "PFDenotionFigure": "12",
      "ESICAccountNumber": "11112822928",
      "ESICDenotion": "R",
      "ESICDenotionFigure": "1.75",
    }
  ]
}
```

```
"ESICLocationID":"3",
"EPSApplicable":"1",
"EPSType":"RPFC",
"EPSBaseSalaryLimit":"15000",
"EPSDenotion":"R",
"EPSDenotionFigure":"8.33",
"VPFType":"RPFC",
"VPFBaseSalaryLimit":"0",
"VPFSalaryDenotion":"R",
  "VPFSalaryDenotionFigure":"24",
"PayHeads":
[
  {
    "HeadCode":"Basic",
    "MonthlyRate":"50000",
    "YearlyRate":"600000",
    "Fromdate":"06/02/2013"
  }
],
"BankDetails":
{
  "BankAccountNumber":"Cheque",
  "BankName":"Cheque",
  "BankCode":"Cheque"
},
"Skills":
[
  {
    "SkillsName":"Design",
    "FromMonth":"5",
    "FromYear":"2019",
    "ToMonth":"12",
    "ToYear":"2019",
    "Level":"Test3",
    "LastUsedMonth":"6",
    "LastUsedYear":"2019"
  }
],
"Qualifications":
[
  {
    "Qualification":"Bsc. CS",
    "Stream":"Science1",
    "Specialization":"IT",
    "University":"Mumbai University",
    "Institute":"Vartaks",
    "FromMonth":"4",
    "FromYear":"2005",
    "ToMonth":"4",
    "ToYear":"2007",
    "PassMonth":"7",
    "PassYear":"2019",
```

```
"Country":"India",
"State":"Maharashtra",
"City":"Mumbai",
"ExpiryDate":"02-02-2019",
"Major":"Science",
"FromDate":"02-02-2019",
"ToDate":"02-04-2020"
}
],
"Certifications":
[
{
"Qualification":"Bsc. CS2",
"Stream":"Science2",
"Specialization":"IT2",
"University":"Mumbai University",
"Institute":"Vartaks",
"FromMonth":"4",
"FromYear":"2005",
"ToMonth":"4",
"ToYear":"2007",
"PassMonth":"7",
"PassYear":"2019",
"Country":"India",
"State":"Maharashtra",
"City":"Mumbai",
"ExpiryDate":"02-02-2019",
"Major":"Science",
"FromDate":"02-02-2019",
"ToDate":"02-04-2020"
}
],
"EmploymentHistory":
[
{
"CompanyName":"ZEE Learn",
"Designation":"IT Executive",
"FromDate":"02-May-2011",
"ToDate":"01-May-2013",
"EmploymentRole":"Employee",
"LastDrawnSalary":"28000",
"ReportingManager":"ADMIN",
"ReasonForChange":"Better Prospects",
>AboutCompany":"Zee TV",
"CompanyAddress":"Andgeri West",
"WebLink":"WWW.zeelearn.com",
"FromMonth":"6",
"FromYear":"2018",
"ToMonth":"6",
"ToYear":"2019",
"PFNumber":"AGH67890",
"ESICNumber":"SDF56789"
```

```
},
{
  "CompanyName":"sPIDER Software",
  "Designation":"IT Executive",
  "FromDate":"02-May-2010",
  "ToDate":"01-APR-2011",
  "EmploymentRole":"Employee",
  "LastDrawnSalary":"28000",
  "ReportingManager":"ADMIN",
  "ReasonForChange":"Better Prospects",
  "AboutCompany":"Zee TV",
  "CompanyAddress":"Andgeri West",
  "WebLink":"WWW.zeelearn.com",
  "FromMonth":"6",
  "FromYear":"2020",
  "ToMonth":"6",
  "ToYear":"2021",
  "PFNumber":"AGH67890",
  "ESICNumber":"SDF56789"
}
1
}]
}
```