

Uday Bhaskar Boyanapalli

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SUMMARY

- 9+ years of experience in software engineering and partner integration, specializing in enterprise-grade integrations, **AI/ML-powered solutions**, mobile app development, and client-facing delivery across highly regulated industries.
- Currently a Senior Technical Integration Consultant, leading end-to-end **partner onboarding**, reusable solution design, implementation, enablement playbooks, and technical support for financial institutions ranging from neo-banks to top-tier U.S. banks.
- Proven success managing **cross-functional programs** involving engineering, product, compliance, and support teams to deliver scalable, secure, and maintainable integrations.
- Deep technical expertise in **native iOS/Android** (Swift, SwiftUI, Kotlin), backend development (Python, JavaScript, SQL), and cloud infrastructure across **AWS, GCP, and Azure** (EC2, Lambda, S3, CloudFormation, IAM, containerization with Docker/Kubernetes).
- Developed and maintained **technical documentation, integration guides, and best practice playbooks** to accelerate partner deployments, reduce escalations, and improve resolution times.
- Applied experience with **LLM technologies** (including Llama and GPT-based models) for automation, partner enablement, and performance optimization in both research and production contexts.
- Skilled communicator with experience in **partner-facing technical discussions**, stakeholder management, and executive-level presentations.
- Demonstrated ability to thrive in high-growth, fast-paced environments, driving technical excellence, security compliance, and stakeholder alignment across multiple teams.

TOOLS AND TECHNOLOGIES

- **Web Development:** HTML, HTML5, XML, CSS3, JavaScript, ReactJS, TypeScript
- **Programming Languages:** Python, Go, Swift, SwiftUI, Kotlin, Java, Objective-C, XSLT
- **Databases:** SQL, NoSQL
- **API & Cloud Engineering:** AWS (EC2, Lambda, S3, CloudFormation, IAM), GCP (Vertex AI, AI Platform), Azure (AKS, Functions), Docker, Kubernetes, Node.js, REST, SOAP, WebSocket APIs, Microservices, PKI, OAuth, JWT, mTLS
- **AI/ML & LLM Tools:** Llama, GPT-based models, Hugging Face, TensorFlow, PyTorch, model performance tuning, data privacy & security best practices
- **Operating Systems:** Ubuntu, Kali Linux, Raspberry Pi OS, Windows, macOS
- **Tools & IDEs:** Xcode, Android Studio, VS Code, Postman, Wireshark, Burp Suite, Swagger
- **Version Control:** Git, GitHub, GitLab
- **Productivity & Collaboration:** MS Office (Excel, Word, PowerPoint), Confluence, Jira, Miro, Figma, Lucidchart
- **Other Skills:** **Partner enablement, technical documentation, implementation playbooks**, Agile/Scrum methodologies, executive-level presentations, stakeholder management.

WORK EXPERIENCE.

Cardlytics

August 2024 – Present

Senior Technical Integration Consultant

- Led partner onboarding and integration projects for enterprise financial institutions, delivering solutions across REST, SOAP, AWS-hosted, and Kafka-based architectures. Collaborated with Sales, Product, and Engineering teams to ensure seamless partner adoption, incident response, and triage, while designing scalable integration solutions supported by robust technical documentation, integration guides, and automated data validation. Acted as a trusted technical advisor, capturing partner feedback to influence product enhancements, and authored best practice playbooks and reusable assets to accelerate future deployments and reduce escalations. Fostered a collaborative, transparent, and continuously improving environment across customer-facing teams to drive long-term partner success and satisfaction.

Proagrica

Jan 2019 – Mar 2024

Software Engineer 2

- Led mobile application development projects for both Android and iOS platforms, including API integration, product support, and issue resolution during client engagements. Translated client requirements into actionable user stories, facilitated technical discussions, and collaborated closely with QA teams on automation testing to improve product quality. Developed B2B and B2C applications focused on agriculture, supply chain, and geospatial data analytics, ensuring scalable and user-centric solutions.

Data Integration Engineer

- Served as an Integration Engineer and Technical Account Manager, leading technical discussions and providing end-to-end API integration support for Ag Supply Chain applications. Designed, tested, and automated XSLT transforms while securely connecting client systems via Interlock Adaptris. Delivered clear project documentation, created support flowcharts, and developed customer-facing presentations to align technical implementation with business objectives. Built and maintained B2B and B2C applications leveraging geospatial data for agriculture, supply chain optimization, and data analytics use cases, driving reliable and scalable integration outcomes.

Kennesaw State University – Security Privacy and Advanced Computing Laboratory (SPACL) Aug 2016 – July 2018

Graduate Research Assistant

- Conducted research on malware detection using encrypted SSL/TLS traffic and developed a secure SCADA system model with Raspberry Pi to simulate and defend against cyberattacks. Implemented secure communication protocols and contributed as a reviewer for the 2017 Conference on Combinatorial Optimization and Applications (COCOA), supporting peer-reviewed research in applied optimization.

Beezas IT Solutions Pvt. Ltd.

Web and Mobile Application Developer

June 2014 - May 2016

- Developed web-based client/server applications using HTML5, CSS3, Bootstrap, AngularJS, and SQL databases. Contributed to the development of the SabRentKaro E-Commerce Android application by leading requirement gathering, solution design, and client collaboration. Implemented core functionality using Java, integrated RESTful APIs, and conducted testing and bug fixing to ensure application stability and performance.

Steel Plant Visakhapatnam

Database Intern

Mar 2012 - June 2012

- Worked on software to manage goods requests using SQL and JavaScript; also participated in the administration of the database.

EDUCATION

- **Master of Science in Computer Science**, Kennesaw State University, Marietta, GA July 2018
Research topics: Cyber Security (Machine Learning, Critical Infrastructure Security, Applied Cryptography)
- **Bachelor of Technology in Information Technology**, Gitam University, India May 2013

RESEARCH PAPERS

- **Uday Bhaskar Boyanapalli**, [Implementation of Secure DNP3 Architecture of SCADA System for Smart Grids](#)
- **Uday Bhaskar Boyanapalli**, [Fast and Accurate Machine Learning-based Malware Detection via RC4 Cipher text Analysis](#)

AWARDS and HONORS

Best Graduate Research Project

Nov 30, 2017

- Won the best graduate research project at Kennesaw State University (KSU) CCSE Computing & Showcase (C-Day) Event for a project entitled "**Enhancing Security in SCADA Protocol – DNP3 in Smart Grids**".
- **Dean's 4.0 Club**