Abhinav Yedla

Austin, Texas – 78665 · 312-982-1040

yedabhinav@gmail.com   www.abhiyedla.com   [LinkedIn](#)   [GitHub Profile](#)   [Technical Paper](#)

SUMMARY

With 9+ years of software engineering experience and a Master's in Computer Science, I specialize in building scalable, distributed systems and working with cutting-edge technologies. Proven track record in driving innovation through AI agent development, enhancing enterprise productivity, and leading cross-functional engineering teams in agile environments.

EDUCATION

Master of Science, **Iowa State University**	Ames, IA, Dec 2016	**Computer Science: 3.81**
Bachelor of Science, **Osmania University**	Hyderabad, TG, India 2013	**Computer Science: 3.60**

TECHNICAL PROFICIENCIES

- **Languages**: Java, Python, TypeScript, SQL, JavaScript
- **DataStore:** Postgres, Redis, Memcached, DynamoDB, Oracle, Neo4J, Elasticsearch
- **Cloud & DevOps:** AWS, Heroku, Jenkins, Docker, Terraform, Gradle
- **Security & Code Quality:** PMD, Checkmarx, Synk, Spotbugs, SonarQube
- **Messaging & Integration:** Kafka, WebSockets, Webhooks, Pub/Sub, gRPC

- **AI & Agentic Systems:** Agentforce (Salesforce), MCP, Agentic Orchestration
- **Frameworks & Env:** Spring, Node.js, JUnit, Mockito, OAuth2
- **Architectures:** REST, Distributed, MVC, Serverless, Event Driven, AWS Lambda
- **Monitoring:** NewRelic, Splunk, Grafana, Heroku Logs, AWS Cloud Watch
- **Other:** Agile, Git, Android

PROFESSIONAL EXPERIENCE

Salesforce - Austin, TX, USA   **Feb 2019 – Present**
Senior Software Engineer
Conceived and executed a dynamic microservice architecture using Java, collaborating seamlessly with cross-functional teams to meticulously define, modularize, and fortify the services and components. Ensured paramount attributes of security, reliability, testability, diagnostic capabilities, active monitoring, and reusability were embedded.

Key Accomplishments:

- **AI Agent Platform**: Led the development of AI agents using Salesforce Agentforce, enabling adoption by 60,000+ employees and driving widespread automation. This significantly improved self-service rates and reduced support load, resulting in ~$2M+ in savings to date, with projected savings exceeding $5M in the first year.

- **Developed Highly Scalable Notifications System**: Designed and delivered a real-time notification service connecting Salesforce and Slack, reducing case resolution time by over 70% and processing 1M+ events per day with sub-second latency.

- **Subject Matter Expertise**: Became the subject matter expert on Slack platform integrations post-acquisition, leading the development of a high-impact Java-based Slack application. Delivered seamless integration and custom workflows, resulting in a 30% improvement in workflow efficiency and reduced task switching across internal teams.

- **Technical Leadership**: Demonstrated strong technical leadership by leading multiple scrum teams, onboarding new teams, and ensuring timely and cost-effective project delivery.

- **Continuous Integration and Infrastructure Automation**: Designed and implemented automated CI pipelines, cutting deployment time from 4 hours to 30 minutes. Utilized Terraform for infrastructure as code and developed reusable TypeScript libraries to streamline automated change management across environments.

- **Microservices Architecture**: Designed and developed secure, modular, and reusable microservices

in Java, collaborating with cross-functional teams.

- **Agile Methodologies and Scrum Master**: Provided exceptional guidance and mentorship as a Scrum Master, optimizing team operations and fostering a high-performing, collaborative environment.

GlobalFoundries - Malta, NY, USA   **Feb 2017 – Feb 2019**
Software Engineer
Part of the Agile team involved in developing mid-sized to large-sized customer solutions to transform the business by removing the barriers of data flow and automation.

Key Accomplishments:

- Developing the application, to check the quality of the semiconductor chips by running through complex rules, which can save $2-3 Million per year.
- Developing a mission critical web application that can be used by Engineers to request changes to Layer or Chip.

Oracle Corporation - Hyderabad, TG, India   **Jul 2013 – Dec 2014**
Software Engineer

Expertly utilized Java, Oracle, OAF, Oracle E-Business Suite, Forms, and Reports; collaborated with Clients, Legislative Analysts, Quality Analysts, and Support Engineers to drive application development, management, and support. Communicated efficiently with customers to demonstrate Proofs of Concept (POC).

Key Accomplishments:

- Integrated payroll application enhancements according to applicable legislative changes, evolving end user requirements and expectations, which benefited 100's of customers and 1 Million+ users.
- Applied Oracle Application Framework knowledge in building seamless web dashboards and online reports.

CMC Ltd - Hyderabad, TG, India   **Jan 2012 – Aug 2012**
Software Engineer Intern

Developed Itrack, a highly scalable mobile and web application for tracking the real-time location of users, through competent use of Android, PHP, and JavaScript.

ACADEMIC EXPERIENCE

Iowa State University – Ames, IA   **Jan 2015 – Dec 2016**
Student Software Developer   **Java, R, Neo4j, XML, JSON, Python, MySQL, Fiddler, JSP,** [Data Science Paper]

Data Aggregation API: Built a unified API for Data scraping from prominent websites like Wikipedia, Twitter and Social Mentions etc.
Political Ad Analyzer: Parse political ads on YouTube to categorize, identify the speaker, ad stance and recognize political affiliations.

Key Accomplishments:

- Developed a unified data extraction tool for social scientists and data analysts to collect structured data from popular social media and web sources.
- Contributed to the development and maintenance of a video-to-text conversion application, enabling effective sentiment analysis and research query resolution. Applied machine learning techniques such as k-nearest neighbors and predictive modeling on the processed data.

Iowa State University – Ames, IA   **Jan 2015 – Dec 2016**
Teaching Assistant   **Introduction to Spreadsheets and Databases**

Other Projects   AngularJS, JSON, PHP, Bootstrap, Java, MySQL, C, Android, HTML5, JavaScript, Lucene

- Similarity Measure between Documents, Design of Page Rank Algorithm, Implementation of RPC Framework & Cache- based Distributed File System, Build Inverted Index for Windows Documents.