Kandhikya Bangaluru
Middle Full-stack Software Developer

SUMMARY

Software engineer with over 5 years of full-stack development experience in healthcare, aviation, and analytics domains. In-depth knowledge of cloud-native technologies, microservices, and scalable architectures, backed by a Master of Science in Information Systems. Demonstrated ability to integrate AI models and deliver high-impact automation workflows. Proficient in Java, Python, React, and Node.js, complemented by strong experience with AWS, GCP, Docker, Kubernetes, and CI/CD implementations. Remarkable accomplishment includes the development of AI-powered microservices that increased system accuracy, and the execution of end-to-end CI/CD workflows for enterprise-grade applications.

TECHNICAL SKILLS

Main Technical Skills	Java, Python, React, Node.js, AWS
Programming Languages	Java, JavaScript, Python, TypeScript
JavaScript Frameworks	Angular, D3.js, Express, jQuery, Node.js, React
Java Frameworks	Spring Boot
Data Analysis and Visualization Technologies	Apache Airflow, Power BI, Tableau
Databases & Management Systems / ORM	AWS DynamoDB, MongoDB, MySQL, PostgreSQL, Redis, SQL, SQLite, Sybase
UI Frameworks, Libraries, and Browsers	Bootstrap 4, Chart.js, D3.js, HTML/CSS Preprocessors, jQuery
Cloud Platforms, Services & Computing	AWS, GCP
Amazon Web Services	AWS DynamoDB
Collaboration, Task & Issue Tracking	Atlassian Confluence, Jira
UI/UX/Wireframing	Figma
Version Control	Git, Github Actions
Deployment, CI/CD & Administration	Jenkins
QA, Test Automation, Security	JUnit, Mockito, Postman

Message/Queue/Task Brokers	Kafka
SDK / API and Integrations	RESTful API, Swagger
Virtualization, Containers and Orchestration	Terraform

WORK EXPERIENCE

Software Developer, Healthcare Claims and Billing System Enhancement

Duration: Nov 2022 – Current
Summary: Developed scalable microservices for real-time healthcare claims and billing systems with integrated AI for fraud detection, interactive dashboards, data pipelines for predictive analytics, event-driven architecture using Kafka, high-speed caching with Redis, and automated CI/CD
Responsibilities: Developing microservices, integrating AI models, building React dashboards, implementing data pipelines, leveraging Kafka and Redis, automating CI/CD workflows, ensuring unit test coverage, HIPAA compliance, Agile collaboration
Technologies: Spring Boot, REST APIs, AI, React, TypeScript, BigQuery, Cloud Functions, Kafka, Redis, GitHub Actions, Java, Python

Jr. Software Developer, Flight Booking and Payment UI Modernization

Duration: Mar 2021 – Dec 2021
Summary: Contributed to UI modernization by migrating Angular components to React, developed Spring Boot backend services, implemented secure authentication and user access control, maintained CI/CD pipelines, and collaborated in Agile environment for flight booking features
Responsibilities: Migrating UI components to React, backend development, implementing authentication and RBAC, maintaining CI/CD pipelines, Agile collaboration
Technologies: React, Angular, Spring Boot, AWS (S3, RDS, CloudWatch), JWT, Jenkins, GitHub Actions

Front-end Developer, Internal Tools and Client Dashboard Development

Duration: Jan 2019 – Dec 2020
Summary: Built responsive user interfaces for internal tools and client dashboards using HTML, CSS, JavaScript, React, and charting libraries, improved development speed with custom UI components, collaborated in Agile sprints for UI performance tuning
Responsibilities: Building responsive UIs, developing custom components, consuming REST APIs, data visualization, Agile collaboration, UI performance tuning
Technologies: HTML, CSS, JavaScript, React, Chart.js, D3.js

EDUCATION

- **Master of Science, Information Systems**
  University of North Texas Denton, TX
  2023
- **Bachelor of Technology – Civil Engineering**
  Siddharth Institute of Engineering & Technology Andhra Pradesh, IN
  Apr 2021