

SUMMARY

Experienced Software Developer with **over 4 years** of expertise in **full-stack development, cloud technologies, and system optimizations**. Led a containerization initiative using **Kubernetes** and **Docker** that cut deployment times by 40%, while increasing user engagement by 25% on applications hosted in **AWS** and **Google Cloud Platform**. Managed a **cross-functional** team of six to reduce system downtime by 30%, aligning technical solutions with strategic objectives to achieve faster project delivery timelines. **Actively seeking Full-time opportunities** to leverage technical skills and contribute to further innovation in software development and cloud infrastructure

SKILLS

Programming Languages: Java, Python, C, C++, C#, R, SQL, Scala, PHP
Web Development: HTML5, CSS3, JavaScript, TypeScript, JSON, jQuery, ASP.NET, XML
Frameworks & Libraries: Spring Boot, ReactJS, AngularJS, Node.js, Express.js, .NET Framework, Maven, JUnit, RESTful Web Services, Microservices, Hibernate, Selenium, TensorFlow, PyTorch, Scikit-learn, Pandas, NumPy, JWT, OAuth 2.0
Databases: MySQL, PostgreSQL, MongoDB, Microsoft SQL Server, DynamoDB, Cassandra
Cloud Technologies: AWS (S3, EC2, RDS, Lambda, IAM, Route 53, CloudWatch), Azure, Google Cloud Platform
DevOps Tools: CI/CD, Helm, Terraform, Ansible, Prometheus, SonarQube, Nagios, Postman
Software Development Methodologies: Jira, Slack, Trello, Asana, Agile (Scrum, Kanban), SDLC, TDD
Development Tools: VS Code, RStudio, Android Studio, IntelliJ IDEA, Eclipse, Unix/Linux environments

PROFESSIONAL EXPERIENCE

- Full Stack Developer | Self Justice Inc., Tempe, AZ

July 2024 – Present

 - Designed custom discussion forum plugin using **REST APIs and JWT** authentication, enabling real-time interactions and secure access, which **boosted user engagement by 40%** and sustained retention rates.
 - Led the full-stack architecture of a tax application utilizing **ReactJS (front-end) and Django (back-end)**, resulting in a 30% performance boost and enhanced product visibility, increasing adoption within just 2 months.
 - Engineered robust **WordPress** integration framework in **Java** to manage large-scale user databases, optimize back-end services, and enhance front-end responsiveness, improving response times and daily logins.
 - Implemented real-time data synchronization with **Java WebSockets** to facilitate live updates, minimizing data latency by 60% and enhancing user experience.
 - Refactored a legacy codebase by migrating from a monolithic structure to a **Java microservices architecture**, improving scalability by 50%, streamlining maintainability, and reducing deployment time by 35%.
- Software Developer | Wayfair, Boston, MA

May 2023 – April 2024

 - Deployed APIs using **Kubernetes** and **Docker** on **AWS**, leveraging **Java-based microservices** to enhance update efficiency, ensure system scalability during peak demand with 55%, and optimize operational performance by 60% with cloud-native technologies.
 - Enhanced system performance and eliminated duplicate entries by developing **RESTful APIs** and **microservices** using **Spring Boot**, integrating **DynamoDB** and **PostgreSQL** to streamline data handling, for 45% boost in speed.
 - Sculpted Sprintboard application using **ReactJS** and **Java (Spring Boot) for the back-end**, while leveraging **MongoDB** for database management, which operated task tracking and team performance, optimizing project management across 5 distinct project phases.
 - Revamped the e-commerce platform using **ReactJS** and **Spring Boot**, streamlining back-end services, enhancing product visibility, and reducing production issues through targeted testing strategies, which improved overall customer experience and system reliability.
- DevOps Engineer | Connectial Infosolutions Pvt Ltd, Ahmedabad, India

August 2020 – April 2022

 - Architected data migration reporting system leveraging **Java, AWS Lambda, Kinesis, and CloudFormation**, reducing debugging time, accelerating issue resolution, and ensuring smooth data flow while minimizing operational overhead with Java-based solutions.
 - Orchestrated comprehensive **CI/CD** pipeline with **Java integration**, achieving a 50% reduction in deployment time and ensuring system stability while cutting rollback rates by 30% through automated processes.
 - Developed **Java-based S3 JSON** nested read functionality, enabling 33% of daily users to access critical data, optimizing platform performance and enhancing the reliability of internal data systems through **Java-driven enhancements**.
 - Implemented **Team ID** reverse lookup system using **Spring Boot and DynamoDB**, resolving account verification issues for over 500 monthly users, improving operational efficiency while maintaining system simplicity and cost-effectiveness through development.
 - Configured **JUnit** test cases with data mocking using **Postman** and **Mockito**, ensuring comprehensive unit test coverage and worked with Docker to enhance the Continuous Delivery (CD) framework, contributing to streamed releases.

EDUCATION

Arizona State University, Tempe, AZ	May 2024
Master of Science in Information Technology	GPA: 4.0
Sathyabama Institute of Science and Technology, Tamil Nadu, India	May 2022
Bachelor of Science in Computer Science Engineering	GPA: 3.7

PROJECTS

- Forecasting Twitter Trends with Sentiment Analysis

Technologies: Python, Tweepy, NLTK, Pandas, LLM, Matplotlib

May 2024

 - Extracted, cleaned, and preprocessed over 1 million tweets using **Tweepy**, achieving 92% accuracy in sentiment classification.
 - Analyzed **NLTK** to build a sentiment analysis model with a focus on enhancing data quality for improved model learning.
 - Applied cross-validation techniques to ensure model generalizability across diverse datasets, minimizing overfitting.
- Inventory Management System

Technologies: Node.js, MongoDB, Docker, AWS

December 2023

 - Developed and implemented the inventory management system, enhancing data accuracy by 90 % and optimizing store operations.
 - Integrated barcode scanner **API** to automate data entry, reducing manual task time and improving backend efficiency.
 - Deployed the application on **AWS** infrastructure, achieving 99% uptime ensuring high reliability, scalability, and deployment processes.

CERTIFICATIONS

- AWS Certified Solutions Architect – Associate
- Oracle Cloud Infrastructure 2024 Generative AI Professional certification
- Google Cloud Professional Cloud Architect