

SUMMARY

Highly motivated and results-oriented **Full Stack Developer** with 3 years of experience in designing, developing, and deploying robust and scalable **web and mobile applications**. Proven expertise in **Java, Python, JavaScript**, and a strong foundation in frontend technologies like **React, Angular**, and backend frameworks like **Spring Boot**. Experience in **cross-platform development** using **React Native** and **Flutter**, along with proficiency in **cloud platforms (GCP, AWS)** and **DevOps** principles. Eager to contribute to innovative projects and continuously learn new technologies to stay at the forefront of the industry.

SKILLS

- **Programming Languages:** Python, Java, Kotlin, C#, Swift, JavaScript, TypeScript
- **Frontend:** HTML, CSS, React, Angular, Responsive Design, UI/UX
- **Backend:** Node.js, Spring Boot, APIs, MySQL, GCP, AWS
- **Mobile:** React Native, Flutter, Android SDK, iOS (Swift)
- **DevOps:** Git, DevOps, Firebase, Unit Testing, Web Hosting
- **Data Science:** NumPy, TensorFlow, Data Preprocessing

WORK EXPERIENCE

Mobile Application Developer | *BlueBox Infosoft Pvt. Ltd., India*

Jan 2021 – Nov 2022

- Designed and activated a Firebase-powered cloud-based architecture for real-time data processing and location-based features, enabling the application to handle high volumes of user data with low latency and deliver a seamless user experience.
- Engineered user-centric interfaces aligned with business objectives, facilitating seamless navigation and improving overall user accessibility by incorporating features such as Screen Reader Compatibility, Adjustable Font Sizes, and High-Contrast Mode.
- Resolved complex technical challenges in backend integration, optimizing code efficiency by 10% through techniques like code refactoring and database indexing, resulting in faster load times and improved overall application performance.
- Reduced app crashes by 15% through rigorous testing and proactive bug fixing, ensuring a smoother and more reliable user experience and increasing user trust in the application.
- Boosted user engagement by 35% through enhanced feature functionality, including In-app Messaging, Personalized Recommendations, Gamification elements, and a more intuitive user interface, driving higher user retention and increased app usage.

Java Developer | *Evozard Pvt. Ltd., India*

Jan 2019 – May 2020

- Engineered and deployed a high-performance Spring Boot microservice that improved data processing speed by 15%, resulting in significant cost savings for the organization.
- Implemented a robust Java-based solution to integrate with third-party APIs, enhancing data exchange capabilities and improving overall system efficiency.
- Successfully debugged and resolved critical production issues in a high-traffic Java application, demonstrating strong problem-solving and debugging skills.
- Conceptualized and enacted a scalable solution for handling high-volume data transactions, utilizing multi-threading and concurrency concepts to optimize performance and ensure system stability.

EDUCATION

Master of Computer and Information Science

University of Detroit Mercy, USA

Jan 2023 - Dec 2024

Bachelor of Technology, Computer Science

ITM University, India

Jul 2018 – Jul 2022

PROJECTS

AI-based Lung Cancer Detection | Data Mining Project

- Installed feature selection and machine learning models to identify critical indicators, optimizing dataset preprocessing.
- Designed a scalable system for real-time data analysis, integrating cloud-based solutions to secure and efficiently handle large datasets, achieving 85% model accuracy.
- Generated a data visualization dashboard using Matplotlib to display trends and predictive outcomes for easier interpretation.
- Automated the model training and deployment pipeline using TensorFlow to streamline updates and improve scalability.
- Enhanced model robustness through techniques such as cross-validation and imbalanced data handling using SMOTE.

SKILLUP | Personalized Learning Tracker, Mobile Application

- Integrated Firebase authentication (email/password, Google, Facebook) to ensure secure and seamless user access.
- Planned and enacted skill management features, including goal setting, progress tracking, and media attachment support, improving user engagement by 30%.
- Developed an analytics dashboard with interactive charts, leveraging data visualization libraries to enhance user insights into progress.
- Invented a scalable, responsive UI and exportable progress reports (PDF), improving accessibility and user satisfaction.
- Optimized app performance by reducing load times by 20% through state management using Redux and Firebase Realtime Database.