

Deepanshu Methi

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INTRODUCTION

Innovative and results-driven **Full-Stack Developer** with over **2 years of professional experience** in architecting and delivering high-performance, cross-platform applications. Proficient in **Java, JavaScript, React.js, Node.js, Express.js**, and cloud technologies including **AWS**. Proven track record in building scalable **IoT**, real-time surveillance, and mobile solutions, leveraging containerization, cloud-native architectures, and secure data workflows. Experienced in integrating hardware IoT devices, implementing role-based access control, and optimizing application performance. Adept at end-to-end project execution, from requirements gathering to deployment, delivering measurable improvements in user engagement and operational efficiency. Recognized as a **Smart India Hackathon** finalist and winner of **multiple hackathons**, with certifications in **Node.js, React.js**, and **full-stack JavaScript development**.

TECHNICAL SKILLS

Programming Languages: Java, Python, JavaScript, Bash, PL/SQL
Frontend: HTML5, CSS3, JavaScript, React Native, React.js, Bootstrap, Tailwind
Backend: Node.js, Express.js
Database: MySQL, MongoDB, SQL, Postgres, Firebase
Tools: Git, GitHub, VS Code, Postman, NPM, Chrome DevTools, Docker, OAuth2, Rest APIs
Cloud: AWS Services (EC2, S3, VPC)
Libraries: Axios, Material UI, Tailwind CSS, Bootstrap, Redux, Lodash
Core Subjects: DSA, OOP'S, Operating Systems, Computer Networks, DBMS

WORK EXPERIENCE

GA Application

Cross-Platform Developer

Haryana

April 2025 - Present

- Designed and launched **Spy Tower**, a cutting-edge real-time surveillance solution leveraging **Node.js, MongoDB, Express, Docker, WebSockets, WebRTC, and HLS streaming**, capable of handling **1,500+ concurrent video streams** with latency consistently below **150ms** via advanced event broadcasting, adaptive bitrate algorithms, and socket load balancing.
- Devised and enforced **role-based access control (RBAC)**, deployed end-to-end encryption protocols, and secured media storage infrastructure; scripted an automated **Bash deployment process** to streamline installation, configuration, and updates, integrating **Tailscale VPN tunnels** for encrypted remote management and orchestration.
- Led integration efforts with **Raspberry Pi-enabled IoT devices** for distributed camera and sensor ecosystems; implemented scalable cloud archival solutions utilizing **Wasabi** and complementary platforms, reducing incident response time by **40%** through efficient retrieval and management.

4CPlus

App Developer

Ghaziabad

September 2023 - April 2025

- Developed high-performance cross-platform mobile applications for Android and iOS using **Java, React Native**, and integrated cloud services, achieving a **55% increase** in user engagement and **30% enhancement** in app responsiveness.
- Architected backend microservices and implemented automated CI/CD workflows utilizing **Docker, Firebase**, and **GitHub Actions**, significantly accelerating development velocity and deployment reliability.
- Optimized application scalability and resilience by leveraging **cloud-native architectures**, ensuring robust performance across multiple platforms and variable user loads.

PROJECTS

Attendance Machine App

Tech Stack: JavaScript, React Native, Node.js, MongoDB, Docker, MQTT, IoT

GA Applications

Apr 2025 - Present

- Developed an end-to-end Attendance Machine solution processing dual-channel hardware inputs from on-premises IoT terminals, ensuring rigorous edge data validation and normalization for accuracy.
- Orchestrated automated scheduling and retry mechanisms for data synchronization and reconciliation, enhancing system robustness against intermittent network disruptions.

- Architected offline data buffering utilizing MQTT ingestion and reliable transactional handoffs; containerized backend deployment via Docker ensuring uniform environment consistency across edge and cloud platforms.
- Delivered a comprehensive admin dashboard coupled with RESTful APIs featuring real-time monitoring, audit logs, CSV export functionality, payroll integration, RBAC enforcement, and detailed compliance audit trails.

Ad Booking App

4Cplus

Tech Stack: React Native, Firebase

Jan 2025 - Apr 2025

- Spearheaded the creation of a cross-platform ad booking application incorporating dynamic pricing models, streamlining newspaper advertisement reservations through an intuitive interface.
- Integrated real-time price adjustments powered by Firebase, enabling instantaneous updates based on user parameters such as ad size and geographic location.
- Executed end-to-end project management autonomously, driving a **40% uplift** in user engagement by refining workflows and enhancing usability.

EDUCATION

NIET

Greater Noida

Bachelor of Technology - Computer Science

Oct 2020 - May 2024

ACHIEVEMENTS AND CERTIFICATIONS

- Finalist - Smart India Hackathon (SIH)
- Winner - 4 Hackathons: SIH, IILM, Hack-X-NIET I, Hack-X-NIET II
- Solved **300+ DSA Questions** on platforms like LeetCode, GfG, and Codechef
- Node.js & React.js Certification - Coursera
- React.js Certification - Infosys
- Object-Oriented Programming in Java - Coursera
- Interfacing with Arduino - Coursera
- Full-Stack Development with Node.js and React - Coursera
- JavaScript Fundamentals - Coursera
- Comprehensive Web Development - Coursera