Arshdeep Singh

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Professional Summary

Aspiring software engineer with hands-on experience building RESTful applications using Java, Spring Boot, and MongoDB, and developing full-stack and AI-integrated projects.

Education

Chitkara University   Aug 2023 – Jun 2027

Bachelor of Engineering in Computer Science | CGPA: 8.70   *Punjab, India*

– Coursework: Data Structures, Operating Systems, DBMS, Computer Networks

Technical Skills

Languages: Java, JavaScript, TypeScript, Python
Backend: Spring Boot, Node.js, Express.js, REST API Design
Databases: MongoDB, MySQL, PostgreSQL
Cloud & DevOps: AWS, Docker
Frontend: React, Next.js, React Native
Concepts: Microservices Architecture, JWT Authentication, CI/CD, Object-Oriented Programming, Data Structures & Algorithms

Projects

CareerCompass | Next.js, TypeScript, Gemini AI, Stripe

– GitHub: github.com/arsh342/careercompass | Live: careercompassai.vercel.app

– Developed AI-powered career platform for a hackathon submission on Devpost

– Designed REST APIs and role-based authentication workflows and integrated Gemini AI and Stripe subscription workflows

– Designed modular frontend architecture to support scalable feature additions and maintainable component structure

Job Application Service | Java, Spring Boot, MongoDB

– GitHub: github.com/arsh342/Job-Application-Service

– Led a team project to design a RESTful backend using Spring Boot with JWT-based authentication, role separation, and modular service architecture

– Modeled MongoDB schemas with indexing and validation to ensure efficient querying and consistent data integrity

– Implemented centralized exception handling, request validation, and layered controllerservicerepository structure to improve maintainability

GameVault Mobile App | React Native

– GitHub: github.com/arsh342/tic-tac-toe-react-native

– Developed cross-platform mobile application with modular architecture and optimized state management; integrated Google AdMob and published to Play Store

Achievements

Hacktoberfest Contributor, 2025 Awarded Hacktoberfest badge for accepted open-source contributions (Badge ID: cmgmeh4xb0018l104d4y49mwj)

GitHub Contributions 200+ contributions across personal and open-source repositories (github.com/arsh342)

Cisco Networking Academy Certifications, 2025 Introduction to Modern AI; Apply AI: Analyze Customer Reviews