

Arshdeep Singh

Chandigarh, India

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Education

Chitkara University

Bachelor of Engineering in Computer Science | CGPA: 8.70

Aug 2023 – Jun 2027

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)

Certifications

Introduction to Modern AI, 2025 Cisco Networking Academy

Apply AI: Analyze Customer Reviews, 2025 Cisco Networking Academy