ASHVIN ROKADE

✉ ashvinrokade@gmail.com ☎ +91 9644695542 in LinkedIn GitHub 📍 Indore, India

TECHNICAL SKILLS

〈/〉 Languages

Java	5	100%
Golang	5	100%
Python	4	80%
JS/TS	4	80%

⚙ Frameworks

Spring Boot	5	100%
Node.js	4	80%
React/Next.js	4	80%
Microservices	5	100%

🗄 Databases

MySQL	5	100%
MongoDB	4	80%
Redis	4	80%

CERTIFICATIONS

Data Analytics Essentials   View Badge

Cisco (2023)
Developed core skills in data wrangling, cleaning, and visualization.

Introduction to Data Science   View Badge

Cisco (2023)
Covered data science lifecycle concepts, hypothesis testing, and Python analysis.

Python (Advanced)   View Certificate

HackerRank (2022)
Certified in advanced Python problems involving data structures, OOP, regex, and algorithms.

LANGUAGES

English	5	100%
Hindi	5	100%

EXTRACURRICULAR

Content Creator - X Platform
(Jan 2025-Apr 2025)
Developed content strategies and achieved monetization through analytics-driven engagement

Volunteer Operations - Zostel ↗
(Mar-Apr 2024)
Assisted hostel operations and fostered inclusive environment

Independent Travel ↗
(May 2023-Jan 2024)
Solo travel across India building resilience and adaptability

PROFESSIONAL EXPERIENCE

Software Engineer - Nuclei ↗   Feb 2021 - April 2023
Full Stack Developer
- Implemented optimal retry mechanism reducing backend thread consumption by 7X.
- Developed user authentication microservice to drastically reduce authentication failures.
- Set up PR review templates and integrated SonarQube actions, cutting code review time in half.
- Instituted clear coding documentation protocol enhancing code readability, resulting in 40% decrease in bugs.
- Built distributed caching architecture using Redis to lower database calls by 95%.
- Reengineered application logging architecture, resulting in 6X faster debugging speed.
- Created 500+ unit tests for web services and APIs, ensuring 90% accuracy rate in bug detection.
- Reduced release creation time from 1hr to 5min by implementing new Jenkins CI/CD pipeline.
- Improved application uptime from 90% to 99% by splitting monolith into microservices ensuring fault isolation.
- Integrated circuit breaker strategy maintaining system stability, ensuring effective fault tolerance in external service connections & guaranteeing 99.99% uptime.
- Reduced module loading time by 50% by splitting landing API calls and introducing frontend caching.
- Engineered Analytics Service in Golang to store 1.3M events daily, increasing data collection reliability by 80%.
- Developed efficient web endpoints utilizing gRPC, resulting in 30% reduction in user latency responsiveness.

Software Engineer Intern - Nuclei ↗   January 2020 - June 2020
Software Development Intern
- Contributed to service integration for 7 major banking applications, reducing testing time by 50%.
- Developed customer-facing features that increased revenue generation by 30% for partner banks.
- Gained hands-on experience in full software development lifecycle and comprehensive testing practices.

KEY PROJECTS

Dehla Pakad - Multiplayer Card Game Platform ↗   July 2025 - Aug 2025
Tech Stack: WebSocket, Node.js, Redis, PostgreSQL, React
- Built WebSocket-based real-time multiplayer system supporting 4 concurrent players with seamless connectivity.
- Implemented AI bot opponents with strategic decision-making algorithms for enhanced gameplay experience.
- Optimized backend architecture to handle 6,000+ concurrent users using advanced Redis caching strategies.
- Developed complex turn-based game mechanics with card dealing and comprehensive scoring systems.
- Created responsive user interface with real-time game state synchronization and interactive animations.

ShuoHanyu - Chinese Learning Platform ↗   May 2025 - July 2025
Tech Stack: Next.js, Supabase, OpenAI API, PostgreSQL, HubSpot, Amplitude
- Integrated Supabase authentication for Google Sign-In and PostgreSQL for comprehensive content tracking.
- Migrated OpenAI API calls to server-side for enhanced data security and optimized usage management.
- Embedded HubSpot feedback forms for structured user insights and comprehensive product analytics.
- Integrated Amplitude analytics for detailed user behavior tracking and learning pattern optimization.

Travel Tales - E-commerce Dropshipping Platform ↗   January 2024 - April 2024
Tech Stack: Shopify, SEO, Digital Marketing, Analytics
- Designed and launched Travel Tales Store using Shopify, focusing on user-friendly interface and seamless navigation.
- Implemented digital marketing strategies including SEO, social media marketing, and email campaigns to drive traffic.

Co-Founder - Groky (AI Code Analysis Tool) ↗   May 2024 - August 2024
Tech Stack: AI/ML, React, Node.js, Python
- Conceptualized and developed AI-powered code flowchart generation tool for enhanced developer productivity.
- Managed end-to-end product development including comprehensive UI/UX design, AI integration, and backend.
- Enabled interactive codebase visualization and natural language querying to simplify code comprehension and onboarding.

EDUCATION

Master of Science (Research) - Computer Science

University of Waikato, Hamilton, New Zealand
Starting February 2026

Relevant Coursework: Deep Learning, Extremely Parallel Programming, Dissertation

Bachelor of Engineering - Computer Science   View Certificate

Institute of Engineering and Technology DAVV, Indore
August 2016 - October 2020 | CGPA: 7.89/10

Relevant Coursework:
Data Structures, Database Management Systems, Design & Analysis of Algorithms, Data Analytics with Python