

# ROHIT AHUJA

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Software Development Engineer with 4.5+ years of experience driving high-impact projects across startups and enterprise applications. Proven ability to lead teams, architect scalable solutions, and optimize system performance. Adept at transforming complex challenges into streamlined solutions that enhance user satisfaction and operational efficiency.

## Professional Experience

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### Forwood Safety

Queensland, Australia

Technical Lead

Dec 2024 – Present

- Led a team of 5 developers across key projects—owning Agile delivery via Jira, refining backlogs, removing impediments, and collaborating with cross-functional teams to deliver scalable solutions.. Fostered a culture of accountability, growth and technical excellence through mentorship and strategic leadership.
- Worked directly with product managers and stakeholders to architect scalable solutions, prioritize technical debt, and drive the technical roadmap across high-impact projects—ensuring engineering execution aligned with business priorities
- Mentored developers through code reviews, pair programming, and design sessions—elevating code quality, delivery speed, and team expertise. Developed clear, maintainable documentation for team-owned features to support long-term scalability and collaboration.

### FullStack Developer & Release Manager

Oct 2022 – Dec 2024

- Spearheaded backend architecture and API development for the **Safety+** mobile app, architecting core APIs and collaborating closely with frontend and mobile teams to ensure smooth integration, timely delivery, and scalable performance and taking full ownership of end-to-end deployment.
- Spearheaded the development of a robust translation system across key web applications, integrating with **Lokalise** to streamline multilingual support and deliver seamless real-time localization in 23 global languages—accelerating enterprise onboarding for clients including **OceanaGold**, **Fiberhost**, and **HEDNO**.
- Strengthened test automation across all the stacks by developing comprehensive unit and integration tests—using Jest and Enzyme for React, and Python's `unittest` framework with `patch` and `MagicMock`—boosting test coverage to 80% and reducing post-release defects by 25%.
- Orchestrated the entire release lifecycle—including environment management, version control, and hotfix coordination—leveraging **AWS**, **Terraform**, **Jenkins**, and **Ansible** to enable smooth, timely deployments with minimal downtime. Championed rigorous pre- and post-release testing across development and staging environments, significantly enhancing software stability, user satisfaction, and overall delivery efficiency.
- Architected and implemented Multi-Factor Authentication (MFA) for client login flows, enabling secure access via email and SMS channels, and significantly enhancing the platform's authentication security.

### Launchpad Fintech Pvt. Ltd.

Gurugram, India

FullStack Developer

Jan 2021 – Oct 2022

- Spearheaded the end-to-end development and successful launch of a high-traffic financial bonds platform, **bondsindia.com**, architected to support over 100,000 concurrent users with high availability and performance—delivered with a highly efficient 3-member development team.
- Led backend development for **bondsindia.com**, developed critical modules—including **KYC**, **IPO**, and **Secondary Trading**—and developing robust APIs for real-time bond transaction reporting to **BSE** and **NSE**, as well as automating user onboarding and reporting workflows for both exchanges.
- Independently spearheaded the design and development of the **admin portal** for **bondsindia.com**, implementing a scalable **role-based access control (RBAC)** system to manage granular permissions and module-level visibility across user roles.
- Led the end-to-end integration with **Zoho CRM** using Zoho APIs, delivering key functionalities for the sales team such as lead management, user activity tracking, and centralized customer insights—improving sales efficiency and workflow automation.
- Established and streamlined AWS cloud infrastructure by transitioning from manual provisioning to infrastructure-as-code using **AWS SAM**, significantly improving deployment efficiency, scalability, and team productivity

## Technical Skills

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**Languages:** Python, JavaScript, C, C++

**Technologies:** React.js, Next.js, React Native, Django, HTML, CSS, jQuery, Bootstrap, SQL, Sentry, Git, Jenkins, PostgreSQL, Terraform

**Cloud Services:** AWS EC2, AWS S3, AWS RDS, AWS Lambda, AWS API Gateway, AWS DynamoDB, AWS CloudFront, AWS IAM, AWS CloudWatch, AWS Secret Manager, AWS Cognito, AWS VPC, AWS StepFunctions, AWS CodePipeline, Docker

**Operating Systems:** Windows, Linux

## Projects

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### KIMS Document Management System

**Freelance Project**

**Tech Stack:** Next.js, Django, AWS, Redis, PostgreSQL

<http://kims-dms.s3-website.ap-south-1.amazonaws.com>

- Built and deployed a full-stack Document Management System (DMS) for KIMS University with role-based access controls and document workflows.
- Developed robust REST APIs using Django and PostgreSQL to manage document upload, approval and rejection.
- Implemented a real-time commenting system using WebSockets and Redis, enabling instantaneous updates for document discussions.
- Integrated email notifications for approval workflows and comment activity using AWS SES.
- Optimized real-time messaging performance with Redis, ensuring fast and reliable comment synchronization across users.

### E-Commerce WebApp

**Tech Stack:** React.js, Django, Firebase, jquery, SQL

- Built a fully functional eCommerce web app where users can browse various products, add and remove items from the cart, and make purchases.
- Integrated Razorpay payment gateway for sample payments, allowing users to experience a seamless checkout process.
- Implemented Firebase for user authentication, enabling secure login and registration flow.

## Achievements & Certifications

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- Completed the **Ultimate AWS Certified Solutions Architect – Associate (SAA-C03)** course on Udemy, gaining hands-on expertise in core AWS services and architecture best practices.
- Solved 100+ DSA problems on LeetCode with a peak global rank under 500,000.
- Received A+ performance rating at Forwood Safety for exceptional project contributions.
- Secured a patent for the innovative design of an electrical portable toothbrush.
- Proud member of Google Developer Student Club (GDSC), co-leading hands-on tech workshops and collaborative learning sessions to empower student developers.

## Education

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**Ch. Ranbir Singh State Institute of Engineering and Technology (M.D University)**

Aug 2017 – May 2021

*Bachelor of Technology in Computer Science*

*Jhajjar, Haryana*

- Graduated with (70%) aggregate, awarded Distinction and Honours.