

# Maaz Ansari



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— Pune, Maharashtra, India



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## Summary

A passionate and results-driven software engineer with hands-on experience in full-stack development, cloud computing, and data analytics. Proficient in designing, developing, and deploying robust software solutions using modern technologies. Proven ability to enhance system performance, optimize APIs, and collaborate efficiently within cross-functional teams. Seeking to apply my skills in a challenging software engineering role to contribute to the growth of the company.

## Education

### Bachelor of Electronics and Telecommunications Engineering

Vishwakarma Institute of Technology, Pune

Expected 25/5/2025

## Technical Skills

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

**Full-Stack Development:** MERN Stack (MongoDB, Express, React.js, Node.js), JSP, Flask, RESTful APIs

**Mobile & Web Technologies:** HTML, CSS, JavaScript, Bootstrap

**Data Analytics & Visualization:** Power BI, Tableau, R Programming, Pandas, NumPy, Data Cleaning

**Software & Tools:** Git/GitHub, JDK, Hardhat, Mocha, Chai, Open Library API, Postman

## Certifications

**Google Data Analytics Professional Certificate** (Coursera) [\[Link\]](#)

Proficient in SQL, R programming, data transformation, and visualization.

Conducted case studies demonstrating data-driven strategies, increasing analysis efficiency by 40%.

## Publications

**Precision Robotics Arm System based on Computer Vision** [\[Paper link\]](#)

Published in the International Journal of Intelligent Systems and Applications in Engineering (IJISAE) (Scopus Indexed).

Engineered an intelligent robotic arm leveraging computer vision, boosting precision accuracy by 85%.

## WORK EXPERIENCE

### SOFTWARE DEVELOPER INTERN – SOFTMAQUE CONSULTING

Chhatrapati Sambhajinagar, Maharashtra

10/01/2025 – 10/05/2025

Developed an automated JCB Cabin Inspection System with JavaScript, jQuery, AJAX, Bootstrap, and DataTables.

Optimized MySQL queries and RESTful APIs, cutting inspection time 40%. Used multithreading and async processing for efficiency. Integrated Highcharts.js for real-time analytics, improving defect detection 25%. Secured system with JWT authentication and RBAC for compliance.

## Projects

**AI Finance Manager: Intelligent Financial Tracking & Analysis** [\[Link\]](#)

Developed an AI-powered finance manager with 90% accurate OCR receipt scanning, GPT-driven insights, and real-time budget tracking with alerts at 90% utilization, enhancing financial automation.

Utilized Next.js, React.js, Node.js, MongoDB (Prisma ORM), AI/ML (OCR, GPT), Cron jobs, and API security to build a scalable, secure, and efficient full-stack platform.

**SherSchedule: AI-Powered Smart Booking Platform** [\[Link\]](#)

Developed a full-stack call booking app with Google Calendar API, enabling 30-minute events, 50-minute gap settings, and automated Google Meet links.

Built with Next.js, PostgreSQL (Neon DB), Clerk authentication, Tailwind CSS, and Shad CN UI for a seamless user experience.

Implemented React Hook Form & Zod validation for robust form handling and production-grade error handling, ensuring reliable username validation and meeting cancellations.

**SecureTimeLock-Ethereum-Smart-Contract** [\[Link\]](#)

Developed an Ethereum smart contract using Solidity, ensuring secure fund locking for a predefined period, with event-driven security to prevent unauthorized withdrawals. Optimized deployment with Hardhat, reducing deployment time by 30%.

Implemented unit testing with Mocha & Chai, validating deployment, contract state, and withdrawals, and utilized JavaScript (94.2%) & Solidity (5.6%) for contract logic, deployment, and automation scripts.