

NADEEM AHMAD

AI Engineer | Full-Stack Product Engineer

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PROFESSIONAL SUMMARY

AI and Full-Stack Product Engineer with 3+ years of hands-on experience building production web, mobile, backend, automation, and AI-enabled systems. Recent Computer Science graduate specializing in AI, currently serving as the sole full-stack engineer at CheckANYCar in Dubai, owning the product from 0 to 1 across React Native mobile, multi-role admin, Bun/HonoJS backend, PostgreSQL/Redis data layer, Stripe payments, and real-time operations. Skilled at forward-deploying software directly into business workflows, turning sales, marketing, and operations problems into reliable systems. Delivered platforms handling 10,000+ leads, 50,000+ survey responses/month, 100+ mobile users, and measurable gains including 70% faster lead response, 60% faster content production, 40% lower QA effort, and 20% lower cloud costs.

PROFESSIONAL EXPERIENCE

Sole Full-Stack Engineer · CheckANYCar

Dubai, UAE | Dec 2025 - Present

- Built the entire CheckANYCar platform from 0 to 1 as the only developer, reporting directly to founders and owning the mobile app, admin panel, backend APIs, database, payments, notifications, and production deployment.
- Architected the full system design handling 10,000+ leads, real-time WebSocket updates, push notifications, Stripe payment flows, and operational dashboards without a major infrastructure outage.
- Designed the end-to-end data flow: WordPress/Google/Meta webhooks -> Bun/HonoJS API -> PostgreSQL/Redis -> React Native app and multi-role admin dashboard, managing state synchronization across 5 permission levels.
- Built a fully featured CRM used daily by 10+ employees with advanced filtering, lead recovery, assignment workflows, and attribution visibility, helping sales teams re-engage missed opportunities and improve conversion.
- Engineered real-time WebSocket and Firebase push-notification workflows across mobile and admin, cutting lead response time by 70% and improving sales-team reaction speed.
- Integrated Stripe payment flows and manual cart-triggering so sales staff can initiate checkout on behalf of customers, reducing manual sales intervention and enabling faster inspection booking operations.
- Built high-performance backend services using TypeScript, Bun, HonoJS, PostgreSQL, Redis, Firebase, DigitalOcean, Nginx, and GitHub Actions, reducing operational overhead compared with traditional Node.js setups.

Full-Stack Engineer · Mahad Group *(Fixed-Term Contract - Project Completed)*

Abu Dhabi, UAE | Oct 2025 - Dec 2025

- Architected and deployed scalable Django and React applications serving 1,000+ daily users with high-availability production hosting on VPN-secured Plesk servers.
- Pioneered LLM-assisted content generation and intelligent user interaction flows, reducing manual content production time by 60% for business teams.
- Designed 15+ documented REST APIs for third-party integrations and internal operations, improving maintainability and accelerating feature delivery.
- Improved organic growth by 45% through technical SEO optimization, performance tuning, production monitoring, and structured deployment practices.

INTERNSHIPS & EARLY CAREER

Full-Stack Developer · Pivony *(Freelance During College)*

Istanbul, Turkey / Remote | Jul 2024 - Aug 2025

- Developed an enterprise analytics dashboard with advanced filtering, charting, and role-based access control for 200+ active business users.
- Built Django REST APIs processing 50,000+ survey responses monthly and integrated sentiment-analysis workflows with 85% accuracy for customer-insight extraction.
- Engineered Google Maps review scraping and ETL pipelines analyzing 10,000+ location-based reviews monthly with 90% extraction accuracy.
- Reduced data processing errors by 25% through validation, normalization, and resilient backend pipeline design.

Software Developer Intern · CloudQA *(Internship During College)*

Hyderabad, India | Dec 2023 - May 2024

- Developed an automated OTP extraction API processing 500+ test emails daily, cutting QA effort by 40% for test automation workflows.
- Built Selenium and Playwright snapshot-testing features that expanded test coverage to 85% and improved release confidence.
- Optimized AWS infrastructure costs by 20% using resource right-sizing and automated scaling policies.

Full-Stack Developer Intern · Avrio *(Internship During College)*

Delhi, India | Jan 2023 - Jul 2023

- Engineered an OCR-based bill analysis tool using Python and Tesseract, achieving 80% extraction accuracy and saving analysts 10+ hours weekly.
- Built and containerized Django REST APIs with Docker for consistent development, staging, and production deployments.
- Implemented JWT authentication and role-based access control securing the platform for 500+ users.

SKILLS

Languages	Python, TypeScript, JavaScript/ES6+, PHP, SQL, C
AI / LLM	LLMs, Prompt Engineering, RAG, NLP, OCR, Sentiment Analysis, VectorDB, AI workflow automation
Frameworks	React, React Native, Next.js, Django, DRF, Node.js, Bun, HonoJS, Express, Laravel, Flask, FastAPI
Storage	PostgreSQL, MySQL, MongoDB, Redis, NoSQL, VectorDB
Cloud / DevOps	Docker, Kubernetes, Linux, AWS, GCP, DigitalOcean, GitHub Actions, Nginx, CI/CD
Tools	Git, Selenium, Playwright, Stripe, Firebase, WebSockets, REST APIs, Postman, Jira
Paradigms	System Design, Microservices, Real-time Systems, Multi-role RBAC, Forward Deployment, Product Ownership

SELECTED PROJECTS

Resume Hint · Generative AI Resume Analysis Tool	Personal Project 2025
- Architected an AI-powered SaaS application that analyzes resumes against job descriptions using LLMs, NLP, prompt engineering, and ATS-style scoring recommendations. - Built the platform using Django REST Framework, PostgreSQL, Next.js, Docker, and LLM integrations, supporting 100+ concurrent users and 70% content-similarity matching. - Designed the system for cloud deployment with containerized services, API-driven frontend integration, and scalable database-backed resume analysis workflows.	
Real-Time Chat Application · WebSocket Messaging Platform	Personal Project 2024
Developed a full-featured WebSocket chat application supporting 100+ concurrent users with JWT authentication, secure session management, and optimized MongoDB retrieval under 100ms.	

EDUCATION

Jamia Hamdard University - B.Tech / Bachelor's in Computer Science, CSE (Artificial Intelligence) 2021 - 2025
- Relevant Coursework: System Design, Database Management, NLP, Deep Learning, Machine Learning, Data Structures and Algorithms. - Achievement: Built 5 production-grade applications concurrently with academics across web, mobile, AI, OCR, automation, and backend systems.