AMAN DUBEY

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PROFESSIONAL SUMMARY

Software Engineer with **4+ years of Full Stack** experience designing and scaling enterprise-level applications using the **MERN stack, JavaScript,** and **AWS** cloud architecture. Skilled in **system design, microservices, scalable backend systems,** and **DevOps.** Proven **2+ years of leadership** in accelerating feature delivery, optimizing costs, and enhancing system performance.

TECHNICAL SKILLS

Programming Languages	JavaScript (ES6+), TypeScript, Python, Java, C, C++
Full Stack Development	MERN Stack (MongoDB, Express.js, React, Node.js), Redux, Flask, Django, Angular
Databases	MongoDB, AWS DynamoDB, Redis, MySQL, AWS S3
DevOps & Tools	AWS, Docker, Kubernetes, Heroku, Jest, Git, CI/CD, Swagger, Stripe, Postman, Ubuntu
Core Competencies	Team Leadership, Data Structures & Algorithms (DSA), System Design, Microservices

EXPERIENCE

ATMECS Technologies, Hyderabad *Feb 2021 - Present*
Software Engineer

Lucy HyperloopTT 🔗
- **Contributed to 5 projects** under Lucy, built 2 from ideation to production, and enhanced 3 with new features.
- Architected a multi-tenant **web application from scratch**, achieved MVP, and scaled it to production by focusing on the backend with RESTful APIs, NoSQL Databases, AWS cloud architecture, and supporting the frontend with React.
- Built an **AI evaluation service** via FastAPI, **helping 90% of users** make job decisions with NLP-based match explanations.
- **Led a team of 12 engineers,** accelerating **feature releases by 50%** in **Agile methodology** with 100% on-time deliveries.
- **Optimized backend performance by 50%** through API redesign, data model refactoring, and query optimizations.
- **Reduced bugs by 40%** by implementing Jest unit tests, achieving 80% code coverage for enhanced stability.
- *Tech Stack:* MERN Stack, TypeScript, Python, AWS (SQS, Lambda, DynamoDB, EC2, S3, Cognito), Redis, Docker, Git.

LinkedIn 🔗
- Enhanced LinkedIn's contact management service **backend performance by 30%** via optimized APIs and queries *(Java 8)*.

Java Full Stack Engineer Training Program 🔗
- Completed a certified Full Stack training program covering **Frontend** (HTML5, CSS3, React, JavaScript, Angular), **Backend** (Core Java, J2EE, RESTful APIs, MongoDB, MySQL), and *DevOps tools* (Docker, Kubernetes, Git, CI/CD).

AITR Tech Cell, Indore *June 2019 - July 2019*
Software Intern
- Acquired hands-on experience with **core AWS services,** building a strong foundation in cloud technologies.

EDUCATION

Bachelor of Engineering *in* ***Computer Science and Engineering*** *Aug 2016 - 2020*
Acropolis Institute of Technology & Research, Indore, India

PROJECTS & PUBLICATIONS

FoodPort 🔗 *Jan 2023 - Present*
(MERN Stack, Redux, Redis, Python, FastAPI, TensorFlow, FAISS, Microservices)
Designed an AI-powered food delivery app with personalized dish recommendations leveraging machine learning.

Smart Therapist 🔗 *Jan 2020 - May 2020*
(Python, Django, TensorFlow)
Developed a web application to analyze user emotions from text inputs and provide well-being insights.

Publication: Efficient Decision-Based Tool for Hand Gesture Recognition 🔗 *May 2020*
(Convolutional Neural Network (CNN), Background Subtraction, OpenCV library)

EXTRACURRICULAR ACTIVITIES

Digital Marketing: Scaled Instagram pages from 0 to over 2.5 million followers	*2017 - 2023*
Social Media Strategy: Mentored emerging influencers in growing and managing digital communities	*2019 - 2023*