Manik **Mudholkar**

Sr. Engineer · AWS Certified Architect · Full Stack Dev

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"Be the change that you want to see in the world."

Summary

AWS Certified Architect and Senior Software Development Engineer at Brillio Technologies. **5+ years** of diverse software engineering experience with specialties in software architecture design, **back-end and front-end** development such as **Nodejs, Express and Angular, and cloud computing**. Love to contribute to tech communities by sharing knowledge and experience. Interested in devising a better problem-solving method for challenging tasks, and learning new technologies and tools.

Skills

Programming	**Javascript, Typescript,** Design Patterns, OWASP, Problem Solving, MySQL, MongoDB, HTML/CSS
Frameworks/Techs	**MEAN/MERN Stack, Nodejs, Express, Serverless, Angular**, Nest.js, Reactjs, Websocket, Jest, swagger/openAPI-spec
AWS Skills	**Serverless, AWS Lambda**, SNS, SQS, S3, DynamoDB, AWS Compute, IAM, AWS Org.
Soft Skills	**Leadership, Analytical skills**, Creativity, Time management

Work Experience

Brillio Technologies *Pune , Maharashtra*

Senior Software Development Engineer *Apr 2022 - Present*

- **Led** a 8-member team and developed, designed, and architected web applications using JavaScript frameworks in conjunction with various AWS services, to serve clients across different domains such as the **healthcare sector, e-commerce, and retail domain**.
- **Planned** with an agile team to prioritize agile scope management based on business value, complexity, cost, and features and achieve the SLAs and SLOs seamlessly.
- Has been **SME** for numerous **development and release activities**.
- Assisted the organization in **gaining client's trust** and accomplishing the company's objectives.

Brillio Technologies *Bengaluru , Karnataka*

Software Developer *July 2020 - Mar 2022*

- **Owned** multiple backend REST API services that used Nodejs, express, and serverless lambda functions.
- **Reverse engineered,** innovated and boosted the performance of the client's application by **30%**.
- Improved web-app functionality and user experience by **integrating third-party APIs** through Nodejs.
- Built **custom-facing angular components** and used Karma to build UT infrastructure for web apps.

ASM SYSTEM *Kolhapur , Maharashtra*

Software Engineer - Associate *Sept 2018 - May 2020*

- Built Landing pages for multiple clients using jQuery and vanilla javascript.
- Improved database performance by optimizing MongoDB queries, boosting query response times.
- Cut merge conflicts using Git for version control and collaboration.

Licenses and Certifications

2023	**AWS Certified Solutions Architect – Associate**, VALiDATiON NUMBER: EPF7KE214JV118S7	*AWS*
2023	**AWS Partner: Migration Essentials**, DATABASE MiGRATiON SERViCE, APPLiCATiON MiGRATiON SERViCE	*AWS*
2023	**AWS Partner: Security Essentials**, IAM, INFRASTRUCTURE PROTECTiON, DETECTiON AND MONiTORiNG.	*AWS*

Education

CDAC (KNOWLEDGE PARK) *Bengaluru , Karnataka*

Post Graduation Diploma *2019 - 2020*

- Received training in advanced computing and web technologies

SHIVAJI UNIVERSITY *Kolhapur , Maharashtra*

B. Tech (Electronics and Comm) *2013 - 2018*

Projects and Cool stuff

Compony Project: Domain: Reallocation Services

POD LEADER

- **Tech used: Angular, Node, Express, MongoDB, AWS, Third-Party APIs**
- This was an interactive digital tool that helps companies manage relocation costs while empowering relocating employees to take control of their journey.
- I was tasked with designing, developing, and coming up with architectural solutions for Frontend as well as Backend.
- I had been given the ownership of Release branch for multiple successful releases, which included reviewing merge-requests, collaborating with dev-ops teams for seamless CI/CD, and working with Product Owners for quality deliverance.

Compony Project: Ecommerce Services

SENIOR SOFTWARE DEVELOPER ENGINEER

- **Tech used: Angular, Node, Express, MongoDB, AWS, OpenAI, Third-Party APIs**
- This project involved working on an e-commerce domain, where my responsibilities included integrating third-party APIs with client APIs. Additionally, I incorporated OpenAI APIs to address specific business needs. My tasks also encompassed requirement gathering, tech feasibility and estimation, UI development, and API development.
- I was entrusted with the responsibility of overseeing the Release branch for several accomplished releases. This involved evaluating merge-requests, coordinating with dev-ops teams to ensure smooth CI/CD processes, and liaising with Product Owners to guarantee high-quality deliverables.

Compony Project: Health Care Services

FULL STACK DEVELOPER

- **Tech used: OpenAI, Angular, Node, Express, Cloudant, Microsoft Azure**
- The project was centered around healthcare and insurance, involving integration with Azure cloud and the utilization of OpenAI APIs for specific use cases.
- My responsibilities included creating the user interface, building wrapper APIs, and incorporating third-party OpenAI APIs as well as IBM Cloudant for database integration.
- I managed a team of five developers and worked closely with client teams to gather requirements.

Personal Project: DudeJS: Built Own JS Runtime

SELF- DEVELOPED

- **Tech used: C++, JS, V8 Engine, LibUV**
- Building NodeJS from scratch allowed me to gain a deeper level of understanding. I got to see firsthand how NodeJS works and how it extends the behavior of V8, the JavaScript runtime. It's fascinating to think about all the different JavaScript runtimes out there, like Bun, Deno, and Cloudflare workers. They all create their own JS runtimes from scratch, each with their own unique twist.