ARYAN PATEL

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SKILLS

Language Skills/Frameworks	HTML/HTML5, CSS/CSS3, JavaScript/TypeScript, JSON, SQL, Node.js, Python GraphQL, Prisma, Mongoose, Express.js, Angular8+, Angular Material, REST APIs, ReactTS, Material UI,
Database	PostgreSQL, MongoDB, SQL Server, Redis
Tools and Technology	VS Code, Git, IAM, Docker, Jenkins, AWS, Slack, Jira, pgAdmin, Apollo Client, SendGrid, Figma, ClickUp, GitHub, GitLab
Other Skills	Agile Methodology, Debugging, Effective Communication, Team Leadership, Time Management, Data Structures, and Algorithms

SUMMARY

- Results-driven **Software Engineer** with 3+ years of experience in designing, developing, and maintaining scalable web applications using modern technologies such as **Node.js**, **GraphQL**, **PostgreSQL**, **MongoDB**, and **Docker**.

- Proven expertise in building **RESTful APIs**, **microservices**, and **asynchronous systems** for high-throughput applications.

- Skilled in cloud technologies (**AWS**) and DevOps practices, enabling seamless deployment and scalability of applications.

- Adept at implementing **agile methodologies**, leading cross-functional teams, and delivering high-quality software solutions within tight deadlines.

- Strong problem-solving skills with a solid understanding of data structures and algorithms, demonstrated through active participation on **LeetCode** (https://leetcode.com/u/aryanpatel411/).

- A fast learner with the ability to quickly adapt to new technologies and frameworks, ensuring the development of innovative and efficient solutions.

EXPERIENCE

Software Engineer *VIRAL NATION (Toronto, Ontario, Canada)*   March 2023 - Present

- **Designed, built, and maintained** scalable frontend and backend services for the social engagement platform **VN Empower**, leveraging **Node.js** and **JavaScript**, enhancing architecture to support a growing user base.

- **Integrated multiple social media platforms** including **Instagram**, **Facebook**, **YouTube**, **Twitter**, and **LinkedIn** using **GraphQL** and **PostgreSQL**, ensuring seamless authentication and robust data synchronization.

- Developed **VN Scheduler**, automating post-scheduling workflows, optimizing performance for large-scale users.

- Built **VN Community**, an interactive forum leveraging **MongoDB**, **React.js**, and **Node.js**, driving increased user engagement with dynamic features.

- **Optimized backend performance** with advanced query tuning and **Redis** caching, reducing API response latency by 80%.

- Designed and implemented secure **payment systems** with **Stripe**, supporting subscription-based features and secure transactions.

- **Integrated LLM APIs** to generate personalized content, enhancing user satisfaction and process automation.

- Created **reporting dashboards** using **BFF architecture** and middleware layers, consolidating insights from diverse datasets.

- **Implemented Role-Based Access Control (RBAC)**, ensuring secure and organized data access across user roles.

- Conducted **unit testing with Jest** and integration testing, ensuring robust and reliable code across deployments.

- Participated in **code reviews**, providing constructive feedback and mentoring junior developers to enhance team skills.

- Contributed to **continuous improvement** of code, architecture, infrastructure, and team processes.

- **Mentored team members**, facilitating their technical growth and helping them overcome blockers.

- Engaged in regular team meetings, fostering collaboration and open communication.

Student Researcher *WIMTACH (Scarborough, ON, Canada)*   Oct 2022 - March 2023

- Designed and deployed a high-performance application on **AWS EC2** using **Jenkins** and **Docker**, delivering scalable solutions.

- Developed an admin panel web application with **React** and **Node.js**, leveraging **Neptune Graph Database** and **DynamoDB**, streamlining operations for a large-scale user base.

- Took ownership of the project, leading frontend, backend, and database development to meet stringent deadlines.

Front End Developer *Eccentric Engine (Mumbai, Maharastra, India)*   Aug 2021 - Dec 2021

- Developed and maintained **Angular** and **React** web applications for high-profile clients such as **Mahindra** and **Tata Motors**.

- Integrated **Razorpay** payment gateway for seamless transactions, ensuring reliability and efficiency.

- Created interactive tools like the **XUV700 Configurator**, enabling users to explore car configurations and driving significant sales growth.

- Designed and implemented the **Tata Punch BookOnline** platform, supporting secure booking and online payments.

Software Developer *Augmented TechLabs (Ahmedabad, Gujarat, India)*   July 2020 - Aug 2021

- Delivered **Apriworks**, an **Angular** application for a legal firm, automating client management and report generation.

- Enhanced operational accuracy and streamlined workflows through end-to-end automation.

- Provided ongoing maintenance, debugging, and feature enhancements to support a stable, scalable application.

EDUCATION

Advanced Diploma of Software Engineering,   2022 - 2023
Centennial College
Bachelor of Information and Communication Engineering,   2016 - 2020
Pandit Deendayal Petroleum University

ACHIEVEMENTS

- **Team Leader, Hackathon at WIMTACH:** Led a team of three to enhance user experience for a web application, presenting innovative solutions using **Figma**, and secured first place.

- **Scrum Master at Viral Nation:** Oversaw production deployments, managed product ownership responsibilities, mentored junior developers, and performed as the main reviewer for pull requests.