

ARYAN PATEL

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OBJECTIVE

Experienced software developer looking for a position in full-stack development where I can utilize my previous experience in full-stack development and my abilities in building web apps and APIs using Angular, React, NodeJs, and AWS Lamda

EDUCATION

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

SKILLS

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| Language Skills/ Frameworks | Node.js, HTML5, CSS, JavaScript/Typescript, JSON, SQL, Python, REST, GraphQL, Prisma, Mongoose, Express.js, Angular8+, Angular Material, ReactTS, Material UI, React Native, MVC Structure, Springboot |
| Database | PostgreSQL, MongoDB, SQL Server, Redis |
| Tools and Technology | VS Code, GIT, IAM, Docker, Jenkins, AWS (EC2, DynamoDB, S3, Lambda, Route 53, CloudFormation), Slack, Jira, pgAdmin, Apollo Client, SendGrid, Figma, ClickUp |
| Other Skills | Agile Methodology, Code Debugging, Communication Skills Leadership Experience, Time Management, Data Structure, and Algorithm |

EXPERIENCE

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| Software Engineer VIRAL NATION (<i>Toronto, Ontario, Canada</i>) | March 2023 - June 2024 |
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- Led full-stack development of “**VN Empower**”, a social engagement platform to enhance employee collaboration and reward social media engagement, achieving a 75% improvement in system reliability and performance through optimized architecture, utilizing **Node.js** and **JavaScript**.
- Developed social media integrations with platforms like Instagram, Facebook, YouTube, Twitter, and LinkedIn using **Node.js**, **GraphQL**, and **PostgreSQL**, with a backend-for-frontend (BFF) architecture, managing **user authentication and authorization** and supporting **asynchronous programming** and **server-side templating**.
- Created **VN Scheduler** for automated social media post scheduling, enhancing engagement with **scalable application design**.
- Built **VN Community** discussion forums with **MongoDB**, **React.js**, and **Node.js**, allowing users to post, react, and comment for enhanced interactivity.
- Designed and maintained the admin portal, user profile, and notifications frontend using **React**, **Redux**, **Material UI**, and **DataGrid**, implementing CRUD functionality across 50+ global tables to improve performance and UX on both **mobile and desktop platforms**.
- Developed a super admin portal in **React.js** and **Node.js** for managing key-vault secrets across environments (Dev, UAT, Prod), and integrated **user authentication and authorization**.
- Played a key role in implementing **role-based access control (RBAC)** to enhance security.
- Conducted code reviews, managed **Git (version control)**, and maintained detailed technical documentation, including user guides and design documents.
- Built backend architecture for reporting dashboards visualizing social media metrics, using **BFF** and middleware layers, and integrating multiple data sources.
- Integrated **Stripe** payment gateway to facilitate transactions, managing access levels based on payment plans.

- Enhanced API response times by optimizing **PostgreSQL** queries and implementing **Redis** caching, resulting in an 80% reduction in API latency, contributing to **scalable application design**.
- Established **automated testing platforms** and wrote **unit tests** to ensure high code quality, reliability, and maintainability.

Student Researcher WIMTACH (*Scarborough, ON, Canada*)

Oct 2022 - March 2023

- Created a high-performance application leveraging **Jenkins** and **Docker** for an efficient development pipeline. The application was deployed on **Amazon Web Services (AWS) EC2**, ensuring optimal scalability and performance.
- Developed a highly efficient admin panel web application using **React**, **AWS Lambda**, **NodeJS**, and **CloudFormation** with **Serverless deployment**. This application integrated a combination of the **Neptune Graph database** and **DynamoDB**, significantly improving internal operations by over 40%.
- Led 50% of the project, overseeing the frontend, backend, and database operations, contributing to the successful delivery of the solution.

Front End Developer Eccentric Engine (*Mumbai, Maharastra, India*)

Aug 2021 - December 2021

- Responsible for developing and maintaining **Angular** web applications and **Java API (Spring Boot)** for key automotive clients, **Mahindra** and **Tata Motors**.
- Integrated **Razorpay** payment gateway into the Angular app and debugged the code, ensuring seamless payment processing.
- **XUV700 Configurator**: Developed a web app allowing users to virtually explore all variants of the XUV700 car and add accessories such as holograms, seat covers, headlights, etc. This feature contributed to a 30% increase in sales.
- **Tata Punch BookOnline**: Created a commercial website for booking the Tata Punch car online, utilizing payment APIs for secure and efficient transactions.

Software Developer Augmented TechLabs (*Ahmedabad, Gujarat, India*)

July 2020 - Aug 2021

- Followed **Agile methodology** to develop **Apriworks**, an **Angular** application designed for a law firm to manage clients, handle scrutiny, and send intimations.
- Automated the manual process of filing reports, improving operational efficiency and accuracy.
- Provided continuous maintenance and bug fixes to ensure smooth operation and functionality of the application.

LEADERSHIP

- **Team Leader in Hackathon at WIMTACH**(Group of 3) We had Task to improve user experience for the given Web app. We Brainstormed ideas and came up with the solutions which we showed using Figma and **won** the hackathon.
- **Viral Nation** As a Scrum Master, I assumed leadership responsibilities encompassing production deployment, product ownership, and mentorship of junior developers, main reviewer of the PR.