

Vijay Dabhi

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Professional Summary :

I am Vijaykumar Dabhi, a **Backend Developer** at York.IE, specializing in **Node.js, NestJS, AWS, and database management**. I focus on building scalable, high-performance applications while continuously expanding my expertise in **GraphQL and cloud technologies**. Passionate about problem-solving and optimization, I contribute to open-source projects and stay updated with the latest industry trends.

Education :

Year	Degree/Examination	Institution/Board	CGPA/Percentage
2024	Bachelor of Technology (Computer Science)	Ganpat University - U. V. Patel College of Engineering	7.84/10.0
2020	Class XII	Saraswati NES High School	64%
2018	Class X	Saraswati NES High School	68%

Experience :

Software Engineer 1 – York.IE (Present)

- Developing and optimizing **backend systems** using **Node.js, NestJS, and AWS**.
- Implementing **GraphQL APIs** and managing **database integrations** (DynamoDB).
- Collaborating with cross-functional teams to deliver **efficient and user-friendly applications**.
- Led **R&D on critical data security** in **Amazon Redshift and QuickSight** to ensure secure data handling.
- Built and managed **repositories using AI-powered services from Amazon Q** within QuickSight.
- Conducted **testing and optimization** to enhance application efficiency and reliability.

Software Developer Intern – elnfochips (An Arrow Company)

- Developed a **web UI** to manage **hardware through Raspberry Pi**, using **Socket programming** and other services.
- Implemented **real-time communication** between the frontend and hardware using **WebSockets**.
- Built and optimized **backend systems** using **Node.js and Express.js** for seamless device control.
- Designed a **user-friendly interface** to monitor and manage hardware components remotely.

Projects:

♦ VJson (*Personal Project*)

- Developed a **JSON visualization tool** that presents data in **graph view and tree view** for better readability.
- Features **real-time JSON parsing, validation, and transformation** for structured data management.

♦ AWS Redshift & QuickSight Security R&D (*York.IE Project*)

- Researched and implemented **data security strategies** in **Amazon Redshift and QuickSight**.
- Developed **secure data pipelines** and **role-based access control (RBAC)** for enterprise security.
- Created and managed **repositories using Amazon Q's AI-powered services** to enhance analytics workflows.

Skills:

- **Backend Development:** Node.js, Express.js, REST APIs, WebSockets, AWS Lambda, API Gateway, Authentication (JWT, OAuth, Cognito)
- **Frontend Development:** React.js, Next.js, ShadCN, Tailwind CSS, Ant Design, Redux
- **Database & Cloud:** MongoDB, MySQL, Amazon Redshift, DynamoDB, AWS S3, QuickSight
- **AWS Services:** AWS Lambda, API Gateway, Cognito, S3, DynamoDB, Redshift, QuickSight, Amplify, CloudFormation, Amazon Q
- **DevOps & Tools:** Git, GitHub, CI/CD, Docker, CloudFormation

Extracurriculars and Positions of Responsibility :

- **SSIP Hackathon Finalist 2022** – Developed an innovative solution and reached the finals.
- **Event Volunteer at York.IE** – Assisted in managing and organizing company events.
- **Community Engagement** – Participate in tech meetups, hackathons, and developer forums.