

VARUN VAIDYA

2.5 Years of Experience, India

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[Portfolio](#)

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Professional Summary

As a seasoned Full Stack Web Developer, I excel in wearing multiple hats, specializing in Frontend, crafting responsive UI using HTML, CSS, JavaScript, Typescript, Angular 2+, and React.js, alongside developing robust Backend infrastructures with Node.js, Express.js, and Python. My experience extends to managing databases such as MongoDB, PostgreSQL, AthenaDB, and MySQL, and leveraging a broad spectrum of AWS services. I have enhanced DevOps processes with my expertise in GitHub, Jenkins, Terraform, AWS Amplify, and Serverless Architecture, demonstrating a comprehensive skill set in web development and deployment.

Technical Skills

Languages: JavaScript, Python, TypeScript, Java, C#, HTML, CSS, SCSS, SQL, XML, SOAP, JSON

Frameworks: Angular 2+, Node.js, Express.js, React.js, Bootstrap, Material

Database: MySQL, PostgreSQL, AthenaDB, AWS RDS, AWS Aurora MongoDB, SQL Server

DevOps and API Tools: Git, Jenkins, Serverless, REST API, Postman, Docker, Terraform, API Gateway, AWS Amplify

Cloud Platforms: Amazon Web Services (AWS), Google Cloud Platform (GCP), Vercel

Experience

Specialist Programmer (Full Stack Developer)

Jul 2022 - Present

Infosys Pune

- Closely involved in **end-to-end development life-cycle** from design of wireframe, process flow, architecture, database, development to deployment, in collaboration with cross-functional teams to build responsive and scalable applications.
- **Led a team of 3** Developers to develop mobile-friendly responsive UI/UX ensuring compatibility across many devices.
- Designed and implemented robust **CI/CD pipelines** across the infrastructure with GitHub, Jenkins, and AWS Amplify, achieving a **40%** reduction in deployment time and supporting **50+** serverless functions.
- Developed and **optimized** over **45+** REST APIs utilizing Node.js and Python by leveraging a range of **AWS** services including Lambda, API Gateway, S3, IOT Events, IOT SiteWise, PostgreSQL, and Athena DB.
- **Boosted application performance** and cold start times by **50%** for **30+** serverless Node.js features, alongside a **75%** reduction in bundle sizes, significantly enhancing application efficiency.

Software Engineer

Nov 2021 - Jul 2022

Infosys Pune

- Successfully transitioned a fixed desktop UI to a responsive UI, incorporating over **25** frontend components using Angular, improving user experience across multiple devices.
- Implemented **JWT** authentication and authorization with Microsoft Active Directory and API Gateway using Node.js, enhancing application security and robustness, reducing unauthorized access incidents by **60%**
- **Designed** a high-level architecture for new features, ensuring seamless integration of authentication, frontend, **RESTful APIs**, storage, and database design, aligning with business requirements and increasing development efficiency by **20%**.
- Developed and deployed backend APIs with Python and pandas, utilizing AthenaDB to handle terabytes of data, ensuring efficient data retrieval and display on the front end, reducing data load times by **40%**.

Personal Projects

Bharat Cafe - Food Delivery Platform

[GitHub Link](#)

- Full stack single-page application for a cafeteria with Menu, Cart, Order, and Payment Screens.
- Search and filter food items according to the tags and view all details for specific foods in the catalog.
- Select, add to cart, and order food to your location seamlessly with responsive UI using Angular 13.
- Implemented secure server-side login and registration of users using JWT and UUID with Node.js and Express.js as Backend and MongoDB Atlas as Database Management System.

ShareNow - Quickly Share Any File Anywhere

[GitHub Link](#)

- Engineered a web app that enables users to share large files in less than 30 seconds, with anyone.
- Just upload the file to the app and send the download link to your contacts.
- Securely share your documents with encrypted data using uuid.
- Designed frontend with Angular 13 and Backend with Node.js and Express.js with MongoDB Atlas as a database.

Education

Annasaheb Dange College of Engineering and Technology, Ashta

Jun 2017 – Aug 2021

Bachelor of Technology

CGPA: 7.5 / 10

Awards and Certifications

Infosys Eureka Rise Award | for Exceptional Performance in FY24 Q1

Award

Infosys Certified MEAN Stack Developer: | (Sep 2022)

Certification

Google Cloud Certifications | ML, AI, Kubernetes Tasks in Google Cloud (Oct 2021)

Certification

Published research article in IJIRSET | Design and development of patrolling robot (Jun 2021)

Publication