

Byndoor Athrey Navda (he/him)

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Education

George Mason University

Expected 12/2024

Master of Science, Computer Science | GPA: 3.7 / 4.0

Fairfax, Virginia

Coursework: Data Structures and Analysis of Algorithms, User Interface Design and Development, Database Systems, Information Security, Software Project Management, Software Testing(JUnit and Testing practices).

Visveswaraya Technological University

07/2019

Bachelor of Engineering, Computer Science

Belgaum, India

Technical Skills

Programming Languages: JavaScript, TypeScript, Python, Java, PHP, C++

Frontend Development: React, Next.js, Redux, Angular, React Native, HTML, CSS, Bootstrap, jQuery, WordPress

Backend Development: Node.js, Express.js, GraphQL, Maven, Swagger, JSON, XML, REST APIs, WebSockets

Databases: SQL (MySQL, PostgreSQL), NoSQL (MongoDB), Firebase, Supabase **Data Visualization :** Chart.js

Cloud computing: AWS (S3, EC2, IAM, SES, DynamoDB), Vercel, Heroku, Render, GCP, Digital Ocean

Containerization: Docker, Kubernetes **Agile Methodology:** Jira, Trello (Tools) | Scrum, Kanban (Frameworks)

CI/CD & Testing : Jenkins, GitHub Webhooks, Cypress, Mocha **Design:** Figma

Experience

IFEES and GEDC

United States

International Program Associate - Part-time

08/2024 – present

- Constructing a social media platform for community utilizing **Next.js, Python, Flask, Bootstrap and Oauth**.
- Crafting **intuitive websites** for both entities, featuring a **custom architecture** and **CMS-like** functionality.

ClayWorks Spaces Technologies Pvt Ltd

Bengaluru, India

Software Engineer II

06/2022 – 01/2023

- Implemented algorithm design in a booking system a **SaaS** product with user, admin, client, master interfaces.
- Enabled customizable booking types(cabins, meeting rooms, parking, food)via an flexible **MVC** and **MVP** patterns.
- Led the implementation using **React, Next.js, Redux, Tailwind, Headless UI** and **Chartjs** for visualization.
- Built backend services with **Node.js, Express.js, and MySQL**, integrating **JWT** and **OAuth** for secure auth.
- Utilized **Cypress** and **Mocha** for **automation testing** and ensuring code quality in full stack development.
- Handled software development life cycle, from software architecture and **design patterns** to software deployment.
- Aligned development with **UX**, sales, and marketing, boosting revenue by 25% through improved user experience.
- Directed **scrum meetings** which helped in reducing development timelines by 10%, achieving an early launch.

Software Engineer

09/2019 – 06/2022

- Spearheaded the creation of an Inventory system with four interfaces such as user, admin, vendor, master. Using Node, Express & MySQL, with daily stock updates to team which reduced wastage by 26% across 10 centers.
- Evolved smart work-pod solution Spotch with **IoT** integration and well-being alerts, enhancing productivity.
- Facilitated React for the frontend, **Java with Maven** for the backend, and **Firebase** for real-time **WebSocket** notifications, integrating a mobile app with **React Native** for seamless user experience, recognized by Google.
- Managed the end-to-end integration of new technology stacks into legacy **PHP** systems and other web development.

The Valley Bootcamp

Bengaluru, India

Software Engineer Intern

06/2018 – 08/2018

- Architected a home automation tool with AWS Lambda, LLM, & Alexa Skills, enhancing application speed by 30%
- Optimized system performance by 50% using DynamoDB and tailored API calls on EC2, improving UX.

Projects

RapidCloudify | React, Nextjs, Tailwind, JWT, OAuth, Python, Ansible, AWS, GCP, Azure 11/2023

- Leading development cycle to build an automated, no-code deployment platform, reducing manual effort by 70%
- Established CI/CD pipelines with GitHub Webhooks, achieving 99.9% uptime and real-time scalability.
- Engineered Infrastructure as Code (IaC) with Ansible, reducing AWS setup times by 60% and costs by 40%.

Ticket management App | Angular, Node.js, JWT, Oauth and Socket.io

07/2024

- Developed an application with 3 interfaces (user, support, admin), integrating MongoDB for data management.
- Secured JWT & role-based access & with API endpoints for CRUD operations & real-time notifications.

Portfolio, Games & Blog |React, Nextjs, Redux, GraphQL, Material UI, JWT and Oauth

01/2024