

Byndoor Athrey Navda (he/him)

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Education

George Mason University

Expected Dec 2024

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

Fairfax, VA

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

Visveswaraya Technological University

Jul 2019

Bachelor of Engineering, Computer Science

Kalburgi, India

Technical Skills

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

Frontend Development: React, Next.js, Redux, Angular, HTML, CSS, Tailwind, Bootstrap, PHP, jQuery

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

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

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

Containerization: Docker, Kubernetes **Design:** Figma

Agile Methodology: Scrum, Trello, Kanban **CI/CD & Testing :** Jenkins, GitHub Webhooks, Cypress, Mocha

Experience

International Federation of Engineering Education Societies and GEDC

United States

International Program Associate

Aug 2024 – present

- Constructing a social media platform for community utilizing **Next.js, Python, Flask, Bootstrap and Oauth**.
- Conceptualizing and crafting **intuitive websites** for both entities, featuring a **custom architecture** and **CMS-like** functionality for flexible content management, ensuring seamless navigation across devices.

ClayWorks Spaces Technologies Pvt Ltd

Bengaluru, India

Software Engineer II

Jul 2022 – Jan 2023

- Designed algorithm & implemented in a booking system (**SaaS** product with user, admin, client, master interfaces).
- Enabled end-user to customize booking types such as online conferences, meeting rooms, parking spots, and food, offering an adaptable **MVC framework** with **flexible APIs** that handle multiple time zones & booking scenarios.
- Integrated **payment solutions** which supported cards, UPI & user credits, along with coupon feature.
- Led the implementation using **React, Next.js, Redux, Tailwind, Headless UI** and **Chart.js** 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 throughout development.
- 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

Sep 2019 – Jun 2022

- Spearheaded the creation of a internal Inventory system with 4 interfaces such as user, admin, vendor, master.
- Created using **Node, Express & MySQL**, with daily stock updates to team which reduced wastage by 26%.
- Boosted online presence by 30% through **agile** development of websites using **HTML, JS, PHP, and Bootstrap**.
- Managed the end-to-end integration of new technology stacks into legacy PHP systems, demonstrating adaptability.

The Valley Bootcamp

Bengaluru, India

Software Engineer Intern

Jun 2018 – Aug 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...*

Nov 2023

- Leading a frontend team 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*

Jul 2024

- Built a reliable application with 3 interfaces (user, support, admin), integrating MongoDB for data management.
- Established secure 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* Jan 2024