

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: Analysis of Algorithms, User Interface Design and Development, Database Systems, Information Security, Software Testing, 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, Firebase
Database: SQL (MySQL, PostgreSQL), MongoDB
Cloud: AWS (S3, EC2, IAM, SES, DynamoDB), GCP, Digital Ocean **Data Visualization :** Chart.js
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 2023 – 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 & implemented a booking System a **SaaS** product with 4 interfaces such as user, admin, client, master.
- 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 **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 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 and integrated new technology stacks into three legacy PHP systems, showcasing 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 - present**

- 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, Express.js, JWT, Oauth and Socket.io **July 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.