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

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 & 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 Invementory 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**
- 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**