

Byndoor Athrey Navda (he/him)

📍 Fairfax, VA ✉ bnavda@gmu.edu 🌐 byndoor-athrey-navda 📧 athrey-navda 📁 Portfolio 📞 +1(571)-921-0917

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, jQuery, WordPress.

Backend Development: Node.js, Express.js, GraphQL, Flask, 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, Canva.

Soft Skills: Time Management and Organization, Problem-solving, Written and Verbal communication skills.

Experience

IFEES and GEDC

United States

International Program Associate (Part-time)

08/2024 – present

- Constructing the product development of a community platform using **Next.js, Flask, Elasticsearch & OAuth**.
- Utilizing **REST APIs, LLM** and Elasticsearch to deliver enhanced, user-friendly search functionalities.

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** 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 (TDD)** & ensuring code quality in full stack development.
- Handled software development life cycle, from software architecture and **design patterns** to software deployment.
- Aligned cross-functionally with **UX, sales, & marketing** to improve product features which boosted revenue by 25%.
- Directed **scrum meeting, code review** which reduced 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 mobile software development with **React Native** for a seamless user experience.
- 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 IaC with Ansible and web services for efficient use of AWS, cutting setup times by 60% and costs by 40%.

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

07/2024

- Developed an open source app 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 (MUI), UX Design* 01/2024