

# 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

**Coursework:** Software Engineering, Data Structures and Applications, and Object Oriented Programming Concepts, Web development, Network Security, Database Management and Computer Networks.

## 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

### 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 a highly adaptable SaaS solution 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 implmentation 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.
- Implemented innovative data experiences and integrated 3rd-party applications within this **MVC framework**.

### 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%.

### Games and Portfolio | *React - Nextjs, Redux, Chart.js, Tailwind, TS Particles, Vercel* Feb 2024

- Developed interactive games using React, Next, Redux, and Tailwind CSS, leveraging TypeScript for robust design.
- Constructed a portfolio with Tailwind UI, implementing dark/light themes for enhanced user experience.
- Integrated interactive visualizations with Chart.js, improving data representation of games data in the portfolio.

### 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.