

Byndoor Athrey Navda (he/him)

bnavda@gmu.edu | linkedin.com/in/byndoor-athrey-navda-5068a0130 | github.com/athrey-navda
portfolio-rho-swart.vercel.app/ | +1(571)-921-0917

EDUCATION

George Mason University

Jan 2023 - Dec 2024

Master of Science, Computer Science | GPA: 3.89 / 4.0

Fairfax, VA

Coursework: Algorithms, User Interface and Experience, Information Security, Software Testing, Project Management.

Visveswaraya Technological University

Aug 2015 - Jul 2019

Bachelor of Engineering, Computer Science | GPA: 3.0 / 4.0

Kalburgi, India

Coursework: Software Engineering, OOPC, Web development, Network Security, Database Management, Algorithms.

EXPERIENCE

ClayWorks Spaces Technologies Pvt Ltd

Bengaluru, India

Software Engineer II

Jul 2022 – Jan 2023

- Pioneered the design and implementation of the Universal Booking System, leveraging **React - Next.js (pageRouter)** with **Tailwind CSS** and other animation effects for front-end used **Headless UI, Tailwind Components** for UI components
- Back-end with **Node.js, ExpressJS** for API's, **MySQL** to handle database, **JWT and OAuth** technologies to create a secure application with sophisticated user hierarchy with 4 levels and credit management for booking.
- Guided a cohesive team of 4 in the early stages of a startup, fostering cross-functional collaboration for product development aligned with business objectives.
- Directed and facilitated **scrum** meetings for product life cycle management, resulting in a 25% decrease in development timelines and a 30% increase in product quality.
- Embarked the journey as a novice software developer, progressively evolving expertise and knowledge within the startup ecosystem, ultimately achieving the role of a market-fit software engineer in a span of four years.

Software Engineer

Sep 2019 – Jun 2022

- Elevated operational efficiency as an entry-level engineer by actively engaging in the development of a 3 to 4 applications, showcasing a consistent commitment to continuous learning and innovative solutions.
- Spearheaded the creation of an **Inventory management** application using **Node, Express.js** for back-end API's with **MySQL, HTML, JS Bootstrap CSS** for UI, resulting in a 20% reduction in wastage in the company. This contribution underscored my ability to address operational challenges through technological solutions.
- Drastically enhanced the company's online presence by developing website for **ClayWorks** and **Spotch** following **Figma** designs, using **HTML, Javascript and Bootstrapp CSS** which lead to a substantial 30% increase in company's online presence.
- Played a pivotal role in managing 3 legacy systems such as MRBS, Space calculator, showcasing versatility and adaptability during the early stages of my career.

The Valley Bootcamp

Bengaluru, India

Software Engineer Intern

Jun 2018 – Aug 2018

- Led the design and development of a Home Automation project with **Lambda** function, **Machine Learning** and **Alexa Skillset**.
- Implementation of voice command control in Alexa, leading to a 30% increase in user engagement.
- Optimization of **DynamoDB** usage and customization of API calls, reducing system response time by 50% and enhancing user satisfaction.

PROJECTS

RapidCloudify | React, React-Bootstrap, Formik, Yup, Python, Ansible, AWS EC2 Nov 2023

- Automated AWS deployment for ReactJS, Node.js, and Python apps, cutting manual effort by 70% and accelerating cycles by 50% for small-scale industries.
- Crafted a robust CI/CD pipeline utilizing GitHub Webhooks to automate code updates, ensuring an impressive uptime of 99.9% and seamless scalability in real-time.
- Implemented Ansible for IaC, reducing AWS setup times by 60% and operational costs by 40%, while enhancing client control through a user-friendly interface.

Part-time Job Portal - Intra college | PHP, Laravel, CSS-Bootstrap, MySQL

Oct 2018

- Directed the development of a comprehensive full-stack web application, enabling students to seamlessly apply for on-campus part-time opportunities, resulting in a 40% increase in student engagement with the platform.
- Collaborated within a front-end team of 4 to optimize application handling and responses, contributing to a significant milestone of 300+ registrations within a month, showcasing a 50% increase in platform utilization.

TECHNICAL SKILLS

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

Technologies: React, Next.js, NodeJS, Express.js, Redux, HTML, CSS, Tailwind CSS, Bootstrap, Material UI, Sass, JWT, OAuth, RESTful APIs, WebSocket's, Firebase, PHP, Laravel, AJAX, Wordpress, JQuery.

Database: MySQL, PostgreSQL, MongoDB.

Tools: VS Code, Git, Postman, Jenkins, Kubernetes, Ansible, Amazon EC2, Figma, Jira, React DevTools.