B V Nandhan

[bvnandhan@gmail.com](mailto:bvnandhan@gmail.com) *| +91 9110222329* | [github](https://github.com/nandhan7) *| [LinkedIn](https://www.linkedin.com/in/b-v-nandhan-0b207b1b1/)* [Leetcode](https://leetcode.com/u/nandhanreddy567/)

Skills

**Languages:** Python,C++,Java,C,HTML,CSS,JavaScript,TypeScript,SQL .

**Technologies & Tools:** React.js , Redux, MongoDB,Express , Node.js , Next Js,PostgreSQL, Prisma, Docker, TailWind CSS , Recoil , Context API,Redis,WebRTC,Message Queue,PubSubs,WebSockets,CI/CD,Prometheus,Grafana,Kubernetes ,Kafka,

Grpc,Jest , Data Structures and Algorithms , Styled Components , SASS , PySpark ,Microsoft Azure , Azure Databricks , Azure Data Factory , Azure Synapse Analytics , Numpy , Pandas, Git , Github .

Work Experience

**Atkins Realis, Bangalore** Aug 2023 - Present

***Graduate Software Development Engineer***

• **Digital Twin Project :**

• Developed front-end pages for seamless UX, implemented back-end APIs for efficient data processing, configured Azure Pipelines for CI/CD, and created stored procedures to optimize data handling.

• Tech Stack : React.js, Redux, Node.js, Express.js, Azure Data Factory, Advanced SQL.

**• Thames Water Project**

• Automated data processing using Python (NumPy, pandas), and visualized insights with Matplotlib and Seaborn, significantly enhancing operational efficiency and cutting manual processing costs.

• Tech Stack : Python , Pandas , NumPy , Matplotlib , Seaborn .

**Atkins Realis ,Bangalore** Jan 2023 - May 2023 ***Software Development Intern***

• Developed a document management system to centralize access and improve collaboration.

• Tech Stack : Python, Power Automate ,Power Apps , Sharepoint .

Education

**MSRUAS Bangalore** Aug 2019 - June 2023 B.Tech. in Computer Science and Engineering ***CGPA:9.5/10*** Relevant Coursework : Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Data Mining, Advance Data Structures and Algorithms, Data Science .

Achievements

• Solved 500+ problems on LeetCode , GeeksforGeeks , CodingNinjas

• Secured a rank of 3744 in Weekly Contest 326 on LeetCode.

Project Work

• **Real Estate App : [Demo](https://drive.google.com/file/d/1Xtb75nPyYr-IFZ0h1i8LXpZoTGQ0Iqze/view?usp=sharing) [Source Code](https://github.com/nandhan7/RealEstateApp)**

• Developed an app with secure authentication, property listings, user profiles, and a messaging system for communication with property owners.

Tech Stack : MongoDB , Express , React Js , Zustand , Node Js , Socket IO , SASS .

• **Hotel Management System : [Demo](https://drive.google.com/file/d/1nxXJKjccKJTD6ks9XoW3ZiSa0PBHFQyP/view?usp=sharing) [Source Code](https://github.com/nandhan7/The-wild-Oasis)** [Live version](https://the-wild-oasis-hotelbooking-app.vercel.app/)

• Built a system for managing bookings, cabins, user accounts, and generating performance statistics.

Tech Stack : React JS , Styled Components , Context API , PostgreSQL .

• **Pizza Ordering App : [Demo](https://drive.google.com/file/d/1fbuLVBbvW4OEaQcNw_25Hr3awJ5xtGuj/view?usp=sharing) [Source Code](https://github.com/nandhan7/Pizza-Ordering-App)** [Live version](https://pizza-ordering-app-plum.vercel.app/)

• Created an ordering system with cart functionality, location service, and user info management for delivery.

Tech Stack : React JS , Tailwind CSS , Redux .