

AMBIKA PRASAD

Banda, Uttar Pradesh

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EDUCATION

Motilal Nehru National Institute of Technology Allahabad

Dec 2021 – June 2025

Bachelor of Technology – Chemical Engineering - **CGPA - 7.75 (6th semester)**

Prayagraj, Uttar Pradesh

LBS Convent School Kota Rajasthan

June 2019 - March 2020

Senior year of high school - **Percentage - 89.2%**

Kota, Rajasthan

St Mary's Sen Sec School Banda UP

June 2017 - March 2018

High school - **Percentage - 86.6%**

Banda, Uttar Pradesh

AREA OF INTERESTS

- Data Structures & Algorithms
- Operating Systems
- Database Management System (DBMS)
- OOPS Concept
- Computer Networks
- Web Development

PROJECTS

ProzCollab | [GitHub](#) | [Live Site](#) | Techs: ReactJS, Styled CSS, Node.js, ExpressJS, MongoDB

- Engineered a full-stack project management platform with secure user authentication, including email OTP verification for signup and password reset functionality.
- Integrated Stripe for managing subscription-based plans, offering advanced project analysis tools with detailed graphs and PDF export capabilities.
- Developed dynamic dashboards displaying real-time project and task performance metrics, along with a calendar view for tracking deadlines.
- Implemented robust user management features, allowing managers to assign tasks, manage members, and add multimedia attachments, with data securely stored on the server.

Worldwise | [GitHub](#) | [Live Site](#) | Techs: ReactJS, CSS Modules, React Router, Leaflet

- Developed a dynamic single-page application using React Router and Vite, enabling users to interact with an intuitive map interface for logging and viewing location-based notes.
- Integrated Leaflet and Geolocation APIs to provide real-time location tracking, allowing users to mark visited places and view detailed information with interactive map markers.
- Automated retrieval and storage of relevant Wikipedia data for each location, enhancing the user experience by offering instant access to contextual information.

TECHNICAL SKILLS

Languages: C++, JavaScript, SQL, NoSQL, and Python

Developer Tools: VS Code, Jupyter Notebook, Postman

Technologies/Frameworks: Linux, GitHub, ReactJS, Redux, NodeJS, ExpressJS, Git, Mongoose, Flutter

Cloud/Databases: MongoDB, MySQL

Achievements

- Solved **900+** DSA problems on various platforms
- Achieved a **Global Rank of 345** in the August Long Division 4 Rated Contest on CodeChef
- Secured **1st Position** in the Industrial Design Problem competition at Avishkar 2k22
- Earned **2nd Position (Runner-Up)** in the Codeindrome Event at Avishkar 2k23

CERTIFICATIONS

- The Ultimate React Course 2024: React, Next.js, Redux & More
- Python for Automation - Coursera
- C++ basic to advanced - GFG
- MongoDB Basics