

# Vishnu Prasad S

Bangalore, India

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## Work Experience

### AADS

Backend Dev

Remote

November 2023 - December 2024

- **Stock Portfolio Analyzer:** Sole backend developer for a portfolio analyzer. Integrated Monte Carlo simulations, processed stock data, and generated structured PDF reports with Python. Delivered precise data for front-end visualizations.
- **Database Management:** Designed and optimized MySQL databases, seamlessly integrated with MongoDB and front-end applications, leveraging SQL and NoSQL strengths for performance.
- **Solar Data Lake:** Developed scalable microservices for one of the world's largest solar data lake projects, focusing on data processing, storage, and system efficiency.

### AADS

Backend Dev INTERN

Remote

March 2023 - September 2023

- Co-ordinated with front-end to create various application with MERN tech stack.
- Completed several certifications like AWS for beginners, Backend dev from META, Node.js from IBM, Basics of HTML, CSS & JS by John Hopkins University Everything from Course-Era

## Projects

### Algorithmic Trading System

React.js Node.js, Api's

An automated trading system which needs no human intervention

- **Trading System Development:** Integrated Fyers API for seamless order placement and processed real-time TradingView alerts for timely trade execution. Built a Node.js backend with MongoDB for order tracking and retrieval.
- **User Interface:** Designed a React-based frontend to display trade history with an intuitive, user-friendly interface.
- **Link:** [View Project](#) (View history up to May 20).

### Digi-Cap

React.js Node.js, Firebase

A Digital Capsule for precious memories

- **Time Capsule App:** Built a React and Firebase app with Google authentication. Users upload an image stored in a capsule (Firebase), unlocking it on a chosen date via email surprise. Developed with ChatGPT and deployed on Vercel.
- **Link:** [Time Capsule](#) (Backend temporarily down).

## Technical Skills

- **Strongest Areas** - AI tools & Prompt Engg.
- **Programming Languages** - Python, Javascript, Java.
- **Libraries/Frameworks** - React.js, Express.js, Git, Node.js, HTML5, CSS3.
- **Database** - MongoDB, Firebase, MySQL.
- **Platforms** - Git Hub, AWS, Vercel.

## Education

### BCA in Manipal University Jaipur

Bachelor of Computer Applications

Remote

Sep. 2024 - Current

### S J (govt) Polytechnic

Diploma in COMPUTER SCIENCE

Bangalore, India

June. 2020 - May. 2023

Dec 20, 2024

Vishnu Prasad S-RESUME

