

# Satya Subrahmanya Gautama Shastry Bulusu Venkata

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## OBJECTIVE

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Passionate about building scalable, high-performing applications that deliver seamless user experiences. Seeking to leverage expertise in full-stack development to drive innovation and efficiency in a dynamic, growth-oriented team.

## EDUCATION

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### George Mason University

*Master of Science in Computer Science - 3.95/4*

Fairfax, VA

*Jan. 2024 – December 2025*

### Andhra University

*Bachelor of Technology in Computer Science - 8.15/10*

Visakhapatnam, India

*Aug. 2019 – May 2023*

## EXPERIENCE

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### Associate Software Engineer Intern

*Backflipt*

Jan 2023 – June 2023

*Hyderabad, India*

- Developed visually appealing and responsive user interfaces using React.js, ensuring optimal performance across diverse devices and platforms.
- Collaborated with cross-functional teams to translate complex requirements into intuitive, user-friendly web applications.
- Improved application performance and reliability by diagnosing and fixing critical issues, enhancing the overall user experience.

## PROJECTS

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### ChatBook Web Application | *MongoDB, ReactJS, NodeJS, ExpressJS*

January 2025 –

- Built a full stack application to chat with friends. Authentication using jsonwebtoken.
- Coded backend logic using ExpressJS, a NodeJS library. Divided my backend structure into 3 modules: controllers to handle all the incoming HTTP requests, routes: for defining the endpoints and models: defines the database schemas. Server.js is the main file where our server runs. I'm running my server on PORT 8000.
- ReactJS is used for frontend. Used React hooks like useState for state management. Upon authentication, I stored the state information on my localStorage so that the user states logged in until he is logged out.
- Built custom hooks for connecting frontend UI to the backend server.

### Portfolio Website | *ReactJS, Tailwind CSS*

July 2023 – August 2023

- Build my portfolio website using ReactJS and styling using Tailwind CSS
- Used Framer motion react library to make my website more interactive.
- It is a single-page application with multiple components like About, Experience, and Projects.

## TECHNICAL SKILLS

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

**Frameworks:** React.js, Node.js, Express.js, SpringBoot, MongoDB

**Developer Tools:** Git, VS Code, PyCharm, IntelliJ, Eclipse

**Libraries:** pandas, NumPy, Matplotlib, TensorFlow, Open CV, Keras

**Operating Systems:** Linux, Windows

**Data Structures and Algorithms, Databases**