

Bhanu Srinivasa Sai Royal Koppolu

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Education

Stevens Institute of Technology, Hoboken, NJ

Expected Dec 2023

Master of Science in Computer Science

GPA: 3.29

Related Courses: Web Development-1, Web Development-2

Vellore institute of technology, Chennai, India

July 2017 - May 2021

Bachelor of Technology in Electronics and Communication Engineering

GPA: 3.14

Related Courses: Data Structures and Algorithms, Neural Networks and ML

Skills

Programming languages: Java Script, Typescript, Python, Java

Frameworks and Libraries: Mongo Db, React JS, Next JS, Express JS, Node JS, SQL, Firebase, GraphQL

Languages: Fluent in English, Hindi, Telugu

Certifications: Neural Networks, Web Development, Python Programming

Work Experience

Teaching Assistant, Stevens Institute of technology, Hoboken, NJ

Sept 2023 - Dec 2023

- Acted as a Teaching assistant for one of most complicated and challenging courses offered at Stevens Institute of Technology, CS-514 (Computer Architecture).
- Conducted administration hours and tutoring session for course and helped professor grading assignments and assisting students regarding doubts on course.

Electronics Corporation of India Ltd., Intern, Hyderabad, India

June 2020 - July 2020

- Learned functioning of micro-controllers and micro-processors and its applications. As a part of internship project called RFID based attendance system was implemented using RFID reader and tags on a microcontroller and programmed it in C++ on µVision3 and simulated project virtually with Proteus before implementation.

Academic Projects

Resource Reserve Application, Stevens Institute of Technology

Sept 2023 - Dec 2023

- Developed a full-stack web application using NextJS, Redis, Amazon S3 and Firebase coordinating with three more people. This application is a simple solution for managing reservations in places like universities, apartments and communities which helps to reserve recreational spaces like Banquets Halls, Study Halls, Sports field etc
- Apart from the core features automated notifications and administrative tools make managing resources a breeze, ensuring optimal utilization and a more satisfying user experience.

Interview Preparation Portal Application, Stevens Institute of Technology

Jan 2023 - May 2023

- Led a 4-member team to develop a full-stack web app using React, Express, Node.js, and MongoDB.
- Implemented an impressive array of features, including interview feedback, preparation blogs, user profile management, user profile based quizzes, progress tracking and interview scheduling.
- Acquired in-depth expertise in web development, handling both frontend and backend components, resulting in a 360-degree skill set.

Airplane Passenger Satisfaction, Stevens Institute of Technology

Sep 2022 - Dec 2022

- Explored factors affecting passenger satisfaction during air travel, including legroom, on-boarding service, and passenger amenities.
- Determined key drivers of positive feedback and assessed performance of various machine learning algorithms utilized in project.

Extra-Curricular Activities: Defence Player in Field Hockey, Member of Rotaract Club at VIT Chennai