Sumedh Jitendra Badnore

(201) 526-5735 | Hoboken, NJ | sbadnore@stevens.edu | www.linkedin.com/in/sumedh-badnore

EDUCATION

Stevens Institute of Technology   Hoboken, NJ, USA
Candidate for Master of Science in Computer Science   Expected May 2025
Relevant Coursework: Data Structures and Algorithms, Web Programming, Computing Fundamentals

Vidyalankar Institute of Technology, Mumbai University   Mumbai, India
Bachelors in Electronics and Telecommunication Engineering,   GPA 3.7/4   Aug 2019 - May 2023

SKILLS

Programming/Scripting Languages: C/C++, Python, JavaScript, Java, HTML
Databases: MongoDB, MySQL, SQLite, Firebase
Libraries/Frameworks: NodeJS, Django, ExpressJS, ReactJS, CSS, Bootstrap
Technologies/Tools: Microsoft Office, Git, GitHub, AWS, MATLAB, Google Cloud

WORK EXPERIENCE

Developer Program Intern   Sep 2022 - Nov 2022
Accenture   Remote Internship
- Performed unit testing to verify that isolated sections of the code worked as intended and debugged algorithms.
- Learned how to assess the client's security maturity levels using the NIST Cybersecurity Framework.

Web Application Development Intern   Jun 2022 - Sep 2022
Vidyalankar Institute of Technology   Mumbai, India
- Developed backend using Node.js, and used REST API to gather the covid patients' data.
- Displayed global COVID-19 data, including active cases, total cases, and total deaths.
- Provided graphical insights using charts resulting in a 35% increase in user retention and engagement.

Data Science Intern   Nov 2021 - Jan 2022
The Sparks Foundation   Pune, India
- Performed rigorous linear regression analysis, improving predictive accuracy by 15% compared to prior methods.
- Predicted the percentage of a student based on the number of study hours using the Simple Linear Regression model.

PROJECTS

Breast Cancer Classifier using Neural Networks: *[Technologies: MATLAB, C++, Image Processing]*
- Designed and developed an application software to classify mammograms into malign, benign, or normal types.
- Implemented multiple techniques like image processing and feature extraction and used Gaussian Mixture Model to classify the type of tumor.
- Worked on pre-processing and organizing the datasets and on increasing the model's accuracy by training it, using the mini-MIAS database.
- Achieved an accuracy of 94.2%, significantly improving early detection rates.

BlogMate - Blogging Web App: *[Technologies: NodeJS, ReactJS, JavaScript, MongoDB, bcrypt, CSS, HTML]*
- Designed and developed a responsive blogging site with a user-friendly interface and clean, modern aesthetics to improve the blogging experience.
- Implemented password hashing and salting using bcrypt to add an extra layer of protection during registration.

CovInfo – Covid Dashboard Web App: *[Technologies: REST API, NodeJS, ExpressJS, JavaScript, EJS, CSS]*
- Implemented a web application to display country-based COVID-19 data on the number of cases, daily patient updates, daily recoveries, number of deaths, etc.
- Utilized browser caching to load the Web Application 21% faster.

EXTRACURRICULAR ACTIVITIES

IEEE Student Branch core member, organized "Codeager", A Competitive Programming Competition during Voyager 2022, wherein 254 contestants participated.