

Manav Jain

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PROFILE

Highly motivated Software Developer, driven by a fervent passion for software development. With a focus on innovation, I possess a solid foundation in MERN Stack, Python, Flask, CSS, JavaScript, and Bootstrap. Proficient in Java, C++, and Python. Experienced in software engineering and database design, I bring a holistic understanding of development principles to the table. My exceptional problem-solving skills and attention to detail enable me to troubleshoot and debug software issues effectively. As a collaborative team player with strong communication skills, I thrive in dynamic environments. Continuously seeking growth opportunities, I remain committed to staying updated with industry trends and enhancing my skills. Eager to contribute to impactful projects, I am determined to leverage my technical expertise and enthusiasm for development to drive meaningful results and make a lasting impact in the field.

EDUCATION

VIT | Chennai, India

September 2020 - Present

B.Tech in Computer Science

CGPA: 9.09/10

Key Modules: Full Stack Web Development, Artificial Intelligence, Python, C++, MERN Stack, Algorithm designing, Data Analytics

Thakur College | Mumbai, India

August 2018 - March

2020

Thakur College of Science & Commerce

August 2018 -

March 2020

Subjects: Mathematics (A), Physics (A), Computer Science (A), Chemistry (A)

TVMHS

June 2017 – March 2018

Subjects: Science (A), Mathematics (A), English (A).

Work Experience

Internship:

Futures First, Bangalore

Software Development Engineer Intern

January 2024 - Present

- Spearheaded the conversion project of our branch's primary tool from Plotly to JavaScript, alongside the integration of custom pivot table functionalities, resulting in a remarkable 100% reduction in loading time.
- Demonstrated proficiency in JavaScript, Python, and Flask, as well as expertise in data visualization and table libraries such as ag-Grid, Tabulator, and ECharts.
- Employed meticulous debugging, comprehensive issue analysis, and adept problem-solving skills to overcome complex challenges encountered during the project.
- Actively contributed to the enhancement of operational efficiency and overall performance through seamless execution and strategic optimizations.
- Proactively pursued self-improvement initiatives, dedicating six months to mastering MongoDB and exploring GraphQL, further expanding technical competencies.
- Exemplified unwavering dedication to excellence, continuous learning, and collaborative teamwork throughout the internship tenure.

Online Externship in Applied Data Science at SmartInternz May 2023-July 2023

- Participated in a rigorous online externship program focused on applied data science, conducted by SmartInternz.
- Acquired in-depth knowledge of applied data science concepts and techniques through comprehensive training modules.
- Developed a project on "Predicting Student Adaptability Level in Online Education" as a culmination of the program
- Utilized machine learning algorithms such as KNN, Decision Tree and Random Forest to train a predictive model on the preprocessed data.
- Achieved F1 Score of 0.993 using Random Forest, 0.979 using Decision Tree and 0.955 using KNN models
- Achieved a completion certificate at the end of externship

Full Stack Web Development Internship at Edureka September 2021-January 2022

- Gained comprehensive knowledge of web development concepts, tools, and frameworks through interactive training modules.
- Developed a Zomato clone project, a full-fledged web application replicating key functionalities of the popular food delivery platform.
- Implemented two new features: enabling bulk ordering and pre-ordering, enhancing the user experience and streamlining the ordering process.
- Demonstrated problem-solving skills and attention to detail in debugging and resolving technical issues throughout the development lifecycle.
- Received Certificate of Best Performance at the end of internship

AI and ML Externship at Edureka June 2021-July 2021

- Developed a project on pneumonia detection using X-ray images, applying machine learning algorithms to accurately classify images.
- Acquired hands-on experience in data preprocessing, feature extraction, and model training using popular ML frameworks.
- Utilized deep learning architectures such as convolutional neural networks (CNN) to build an efficient pneumonia detection model.
- Achieved accuracy of 94% using VGG16, 92% using ResNet50 and 85% using CNN model.
- Achieved a completion certificate at the end of externship

ACHIEVEMENTS

- AWS Cloud Practitioner Course Certificate(July 2023)
- Gate Score – 51 and AIR – 1857(March 2023)
- Super Intern at Edureka-Full Stack Web Development(January 2022)
- Extern at Smartinternz- AI powered by IBM with skill index of 9/10 and Career Readiness Factor of 31/32(July 2021)
- IBM certificates for Agile Training module, DevOps fundamentals and Design Thinking.

ADDITIONAL SKILLS

- **Technical Skills:** Full Stack Web Development (MERN),Python, Flask, Java, C++, DSA, OOPS, AWS Cloud, Data Visualisation.
- **Soft skills:** Problem Solving and Critical Thinking Skills, Adaptability, Openness, Team Member, Time Management, Resilient, Collaborative, Continuous Learning.