

DIVYAA MOHANKUMAR

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EDUCATION

Pace University, Seidenberg School of Computer Science, and Information Systems

New York, NY

Master of Science (MS) in Computer Science | **CGPA:3.48**

Dec 2023

Coursework: Algorithms & Computing Theory | Concepts & Structures of Internet Computing | Python | Big Data | Database Management System | Deep Learning.

SNS College of Engineering

Coimbatore, India

Bachelor of Engineering in Computer Science | **CGPA:3.00**

April 2016

PROFESSIONAL EXPERIENCE

SHOPTAKI

New York, NY

Backend Developer

Sept 2023-Dec 2023

- Established Database connection using Node and express In ArangoDB for Native -React application. Created JWT token for login and logout page for Med AI Application.
- Built front-end using React.js and made tool compatible with tablets and mobile devices using Bootstrap and CSS layout.

TECH MAHINDRA Pvt Ltd

Bengaluru , India

Junior python Developer

Mar 2019 – Dec 2021

- Prepared EDA(exploratory Data Analysis) on Bank loan prediction in India ,The project was to perform an Analysis of the data provided, look for issues in the data, and find correlations among featured and targeted variables.
- Applied Machine Learning Modeling on USA road Accidents exploratory Data Analysis set using /logistic Regression, Decision Tree, Random Forest and XGBoost, and visualized over 40 datasets with Matplotlib
- Designed and engineered a chatbot using deep learning for text classification in Python, Django.
- Have used Statsmodels , Numpy, Pandas and Seaborn.

Web Data Labs

Mysore, India

Software Engineer

Feb 2017 – Aug 2017

- Developed, and maintained full stack applications and APIs used in both physical and virtual environments. Worked collaboratively to design new features and improve existing features.
- Designed SQL database containing user data, creating APIs using Node JS for front-end consumption via React JS.
- Developed mobile application for pastry shop, coding backend using Java, JDBC, & Servlet APIs, & creating database of products using MySQL to allow for integration, designing front end user interface using HTML, CSS, & NodeJS.

Wallins Innovations

Coimbatore, India

Software Engineer

Oct 2016 – Feb 2017

- Developed company web page UX/UX element interactions using HTML, CSS, JavaScript, Photoshop, & Figma, designing logos & animated images to enhance marketing materials for the company website.
- Lead team of two Front-end developers to design, develop and deploy two cross-platform mobile application development (Android and iOS).

TECHNICAL SKILLS

Programming Languages: JavaScript, Python, SQL, HTML5, CSS3, Java | **Frameworks and Libraries:** React, Node.js, Express.js, Django, Flask, Bootstrap, Scikit-learn, Keera, TensorFlow Apache Hadoop | **DevOps and Tools:** Docker, Docker Swarm, GitHub, Jenkins | **IDEs and Development Environments:** Android Studio, Visual Studio Code, PyCharm | **Libraries:** Apache, Matplotlib, Pandas, NumPy, Pillow, Seaborn, R(ggplot , plotly) | **Web Technologies:** REST API, Heroku, Render, Netlify, Firebase APIs | **Cloud Services:** AWS Lambda, AWS S3 Bucket, AWS Route 53 | **Database:** MySQL, MongoDB | **Version Control:** Git | **Design and Prototyping:** Figma

ACADEMIC & PERSONAL PROJECTS

QR Yummy Web application using Python and JavaScript:

Sep 2022-May 2023

Created a restaurant web app with touchless food ordering, utilizing JavaScript, Python, and AWS serverless architecture, including AWS & Python microservices, deployed through Jenkins.

Web Portfolio Using HTML, CSS, & JavaScript:

May 2022-Aug 2022

Designed and built a responsive portfolio website showcasing skills and experience, employing HTML, CSS, and JavaScript for seamless user experience, including device adaptability and animated UI components.

QR code generator:

Feb 2023 -Mar 2023

Developed QR code generator using Docker using “flask, pillow, QR-code.”