Vinod Kumar

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EDUCATION

SRM Institute of Science and Technology Ghaziabad, Uttar Pradesh
Bachelor of Technology in Computer Science Engineering *Sep 2020 – Jun 2024*
- Cumulative GPA : **8.59/10.0**
- Relevant Coursework: Frontend Development, Machine Learning, Probability, and Applied Statistics, Data Structure and Algorithms, Natural Language Processing, Computer Network, operating system

S.B.M.I.C Raghuvanshpuram Fatehpur, Uttar Pradesh
Class XII in Science *March 2018 – April 2019*
- Percentage : **78/100**
- Relevant Coursework: Mathematics, Physics, Chemistry, English

S.B.M.I.C Raghuvanshpuram Fatehpur, Uttar Pradesh
Class X in Science *May 2016 – June 2017*
- Percentage : **86.34/100**
- Relevant Coursework: Mathematics, Science, English

WORK EXPERIENCE

Software Engineer Intern March - April 2024
JP Morgan Chase and Co. *Virtual from Forage*
- I developed **A stock price data interface to aid traders project**, Utilizing Python and TypeScript, I interfaced with the data feed, created dynamic visualizations with React and TypeScript, and contributed to the Perspective open-source project. I collaborated with teams, communicated technical concepts effectively, and received recognition for my contributions.
- This experience enhanced my skills in **financial data analysis**, **web development**, and **open-source collaboration**, setting a solid foundation for my future career endeavors.

TECHNICAL SKILLS

- **Programming Languages**: Python, Core Java, Basics of JavaScript

- **Full Stack Development and Miscellaneous Technologies**: Full Stack Development (front-end, back-end), Database Management, SQL, Version Control (Git), CI/CD Pipeline, MongoDB, Authentication

- **Microsoft PowerPoint, Microsoft Excel, and Microsoft Word**:: data analysis, presentation creation, documentation, data manipulation, analysis, and visualization, document creation, editing, and formatting

CERTIFICATIONS

- The Full Stack Web Development - Infosys Limited

- Cloud Computing and Distributed Systems - NPTEL

- Version Control - Coursera

PROJECTS

Facebook Clone App using React-JS | *Frontend and Backend work*
- This project focuses on delivering a visually appealing and intuitive **user interface** that closely resembles the original Facebook application.
- This app utilizes **real-time updates** and **data binding** to provide dynamic and interactive features such as **immediate notifications and seamless post interactions**

Plant disease detection | *Convolutional neural networks (CNNs)*
- Utilized a combination of computer vision, machine learning, and deep learning technologies for precise plant disease detection   .
- Dependencies: TensorFlow, image preprocessing, Pandas, NumPy and Google Cloud