

KAVIN PRASATH J

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Education

Indian Institute of Information Technology, Allahabad <i>M.tech in Bio-informatics CGPA: 9.23</i>	July 2022 – July 2024 <i>Prayagraj, India</i>
Bannari Amman Institute of Technology <i>B.Tech in Bio-technology CGPA: 8.14</i>	July 2017 – July 2021 <i>Erode, India</i>
KNMHS School <i>Higher Secondary School Percentage - 90%</i>	July 2015 – July 2017 <i>Erode, India</i>

Experience

IIIT-Allahabad <i>Teaching Assistant</i> <ul style="list-style-type: none">• Courses - Physics, Python• Conducted Lab and Tutorial sessions,• Managed quizzes and assessments	August 2022 – June 2024
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Projects

Virtual Mart <i>JavaScript, NodeJs, ReactJs, MongoDB</i> <ul style="list-style-type: none">• Website has two user modes: User and Admin.• Users can purchase, rate and review items.• Admins can add/edit products, process orders and view selling requests.• Implemented features like Registration, Login, Checkout cart, Customer orders and Delivery confirmation.• User profiles for personalization and a review system to build trust in the community.• PayPal integration for secure payment transactions during purchases.	April 2023
Parkinson Disease Predictor <i>Python, Machine Learning, Deep Learning</i> <ul style="list-style-type: none">• Developed models to predict Parkinson disease based on voice analysis from MDVP tool• The collected data was augmented using GAN(Generative Adversarial Network)• CNN model was trained for prediction of test sets. Regularization techniques such as Dropout and Early stopping were used to prevent overfitting• Evaluation metrics such as accuracy, precision, Recall were used to analyze the models	June 2024

Technical Skills

Experienced: c, C++, Python, SQL.

Familiar: JavaScript.

Technologies/Frameworks: ReactJS, NodeJS, ExpressJS.

Developer Tools: VS Code, Postman, MongoDB Compass.

Course Work/Skills: Operating systems, Data Structures and Algorithms, Database Management Systems, Machine Learning, Computer Networks, Object Oriented Programming, Low Level System design

Achievements

- Ranked in the top 2.98% of Leetcode based on rating, demonstrating problem-solving and coding skills. [Profile](#)
- Earned a knight badge and rating of 1986 of leetcode through weekly and biweekly contests
- earned SQL gold badge in hackerrank
- Achieved Cambridge English: Business Vantage (BEC Vantage) certification, showcasing expertise in Communication.