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Education

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| Bharath Institute of Higher Education and Research <i>Bachelor of Technology in Computer Science (CGPA: 8.4/ 10)</i> | 2021-2025 Chennai, TamilNadu |
| BrotherHood Matric Higher Secondary School <i>10th Grade: 446/500, 12th Grade: 530/600</i> | 2019-2021 Chennai, TamilNadu |

Technical Skills

Languages: Java, Python, JavaScript
Technologies: HTML, CSS, React.js, Spring Boot, MySQL, Scikit-learn, Pandas, Numpy
Concepts: Object-Oriented Programming(OOP), Data Structures and Algorithms, DBMS, Hibernate, Computer Networks, Spring Security
Tools & Platforms: Git, GitHub, VS Code, IntelliJ IDEA, Eclipse, Jupyter Notebook

Experience

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| Airport Authority of India <i>Internship Link</i> | July-2024 Chennai, TamilNadu |
| <ul style="list-style-type: none">Gained hands-on experience in understanding server configurations, networking setups, and data center operations.Understood the various components and infrastructure that ensure the smooth functioning of data centers.Learned how terminals connect through routers, firewalls, and switches to ensure secure and efficient communication across the airport's network.Submitted a report on the data center's networking architecture and received a certificate upon successfully completing the internship. | |

Projects

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| Hybrid Malware Detection System <i>Python, scikit-learn, PyTorch, Pandas, NumPy</i> | GitHub |
| <ul style="list-style-type: none">Built a hybrid malware detection system integrating static analysis, dynamic behavior monitoring, and CNN-based image classification to accurately identify malicious files.Engineered a robust end-to-end pipeline using Python, PyTorch, and feature extraction tools to preprocess data, train models, and enable real-time classification via a graphical user interfaceAchieved 96.2% precision and 95.5% F1-score, with the CNN model outperforming SVM and Random Forest, and integrated it into a PyQt5-based GUI for practical malware scanning. | |
| Smart Email Reply Generator <i>React js, Spring Boot, Bootstrap, Gemini AI</i> | GitHub |
| <ul style="list-style-type: none">Implemented AI-powered email generation using Gemini AI and Spring AI for professional, casual, and friendly responses.Developed a full-stack solution with ReactJS (frontend) and Spring Boot (backend) for seamless integration.Built a browser extension that adds a "Generate Reply" button in web-based email platforms for instant AI-generated responses. | |
| Web Application for Homemade Food Ordering <i>HTML, CSS, JavaScript, Spring Boot, MySQL</i> | GitHub |
| <ul style="list-style-type: none">Built a platform allowing cooks to list homemade meals and users to browse and order easily.Developed backend with Spring Boot and MySQL for secure user management and order processing, and frontend with ReactJS for a smooth user experience.Enabled local communities to access fresh homemade food conveniently, supporting small-scale cooks and improving food availability. | |

Certifications and Achievements

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| Solved more than 150 problems on GeeksforGeeks enhancing problem-solving skills. | GeeksforGeeks |
| Solved more than 50 problems on LeetCode strengthening problem-solving skills. | LeetCode |
| Successfully completed the NPTEL certification course on Introduction to Internet of Things . | Link |
| Successfully finished a challenging 30-day online masterclass in Full Stack Development, exhibiting proficiency and dedication to the field. | Link |
| Attended a 3-hour workshop on Full Stack Development on February 25, 2024. | |