

VIMAL KUMAR

Software Developer | Python | Full Stack | React | Spring Boot | SQL | DSA
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Education

- **Master of Computer Applications | Galgotias University, Greater Noida**
Jul 2023 – Jul 2025 | CGPA: 8.73
- **Bachelor of Computer Applications | A.S.M Degree College, Aligarh**
Jul 2018 – Jul 2022 | Percentage: 70%
- **Relevant Courses:** Object Oriented Programing, Data Structure and Algorithms, Machine Learning, Operating System, Full Stack Web Development, Database Management, Problem Solving, SQL Queries

Skills

Programming Languages:	Java, Python, C, C++, C#, SQL, HTML, CSS, JavaScript,
Frameworks:	.NET, Angular, ReactJS, Spring Boot, Django, REST APIs, Flask
Tools:	WordPress, Git, Docker, Android Studio,
Libraries:	NumPy, Pandas
Soft skills:	Agile methodology, Version Control (Git), Unit Testing, Code Review, CI/CD

Technical Projects

- **[IRIS Flower Classification](#):** Implemented and improved classification models using SVM, Decision Tree, and Logistic Regression. Achieved highest accuracy with SVM. Used Python, scikit-learn, and Reduced processing time by 20%.
- **[Email Spam Detection System](#):** Developed a machine learning model using Logistic Regression and Naive Bayes to detect and filter spam emails with 96% accuracy. Applied tokenization and data preprocessing techniques using Python, NumPy
- **[Book Recommendation System](#):** Built a machine learning-based recommendation system using content-based filtering and NLP techniques to suggest books based on user preferences and reading history. Utilized Python, Pandas, NumPy, Improved accuracy by 10%.
- **Android Application Project:** Optimized an Android application to manage daily tasks and to-do lists using Java, XML, and SQLite. Integrated Firebase for real-time data storage and user authentication.

Experience

Skug Insights PVT. LTD. | SEO Executive | Junior Front-End Developer *Jan 2022 - June 2023*

- Developed and optimized SEO-friendly front-end interfaces, improving page performance by 30%
- Created report of technical SEO, backlinks strategy and all types of backlinks

[Java Full Stack Developer Virtual Internship:](#)

4 Months

- Completed a virtual internship focused on building full-stack web applications using Java technologies, including Java, Spring Boot, HTML/CSS, JavaScript, and MySQL. Gained hands-on experience in backend development, RESTful APIs, and frontend integration.

Achievements & Certifications

- Solved **500+ Data Structures and Algorithms** problems across platforms including **LeetCode**, **HackerRank**, and **Coding360**. Strengthened skills in problem-solving, algorithm optimization.
- Gained hands-on experience in writing complex SQL queries, performing data manipulation (CRUD operations), joins,. Proficient in Relational [Database Management](#) using MySQL and PostgreSQL.
- **[Published Research Paper](#):** Presented and published a research paper at the **International Conference on Innovative Computing and Communication (ICICC)** 2025.
- Completed '[Introduction to Big Data](#)' certification by NPTEL, offered by [IIT Kanpur].