

Aman Raj

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Profile

Detail-oriented software developer with a **Master's in Computer Applications** and proven experience in developing web applications using Django. Proficient in Python, JavaScript, and SQL Server, with a strong focus on building efficient patient management systems. Expertise in user authentication, data validation, and dynamic form handling. Committed to delivering high-quality code, optimizing application performance, and applying best practices in software development. Strong problem-solving skills and a dedication to enhancing user experience.

Technical Skills

- **Programming Languages:** Java, Python
 - **Web Technologies:** HTML, CSS, JavaScript, jQuery, AJAX, Chart.js, Bootstrap (for responsive design)
 - **Frameworks:** Django, Django REST Framework (for API development)
 - **Data Visualization:** Chart.js
 - **Database Management:** MySQL, MSSQL
 - **Email Services:** SMTP (for sending emails)
 - **Logging:** Python logging module (for error tracking and debugging)
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Soft Skills

- Communication
 - Collaboration
 - Problem-Solving
 - Adaptability
 - Time Management
 - Continuous Learning
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Education

Master of Computer Applications Visvesvaraya
Technological University, Bangalore *Jan 2023 – Oct 2024* |
80.00%

Bachelor of Computer Applications
Indira Gandhi National Open University, Delhi
Dec 2018 – Jan 2022 | **66.43%**

Higher Secondary School (12th) Bihar
School Examination Board, Patna *Mar 2016 –*
Mar 2018

Matriculation (10th)
Bihar School Examination Board, Patna
Mar 2015 – Mar 2016

Certifications

- MySQL Basics
 - Big Data Computing
 - Network Security
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Experience

IT Intern / Full Stack Developer

Cytecare Hospital | *Dec 2024 – Present*

- Developed web applications using **Python (Django)**, **HTML**, **CSS**, **JavaScript**, and **AJAX** to enhance hospital operations.
- Collaborated with cross-functional teams to design user-friendly interfaces.
- Implemented **AJAX** for asynchronous data loading, improving application performance.
- Conducted **testing and debugging** to ensure high-quality deliverables.
- Participated in **code reviews** and contributed to best practices.

Java Developer Intern

Octanet Services Pvt Ltd

- Developed and maintained **Java applications** using Spring and Hibernate frameworks.
 - Debugged and resolved **code issues** to enhance application performance.
 - Actively contributed to **Agile sprints**, including sprint planning and retrospectives.
 - Collaborated with team members to design and implement **new features**.
 - Conducted **code reviews** to maintain coding standards.
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Personal Projects

COVID-19 Vaccination Progress Analysis

Led a **data analytics project** using Python to analyze **COVID-19 vaccination progress**, guiding policy decisions and public health interventions.

- Utilized **Anaconda Jupyter Notebook & Python** for data analysis.
 - Extracted **valuable insights** to inform policy-making.
 - Optimized **resource allocation** based on analytical findings.
 - Contributed to **successful vaccination efforts & virus containment strategies**.
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Languages

- **Hindi** – Native/Bilingual Proficiency
 - **English** – Full Professional Proficiency
 - **German** – Beginner
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Interest

- Ethical Hacking
- Software Development