

Shivam Pandey

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EDUCATION

SHEAT College Of Engineering , Varanasi B.Tech. in Computer Science and Engineering	Aug 2018 - Aug 2022 GPA: 3.4
Sumitra Shiksha Sanstha BajrangNagar , Jaunpur Intermediate in Science(P, C, M)	Apr 2016 - May 2018 GPA: 3.2
Sumitra Shiksha Sanstha BajrangNagar , Jaunpur High School in Science	Apr 2014 - Apr 2016 GPA: 3.6

PROFESSIONAL EXPERIENCE

Learning Beyond Your Horizon CBSE - Remote Software Development Intern	Dec 2023 - Jun 2024
<ul style="list-style-type: none">Developed and maintained web applications using Python and Django, ensuring robust and scalable backend solutions.Designed and implemented MySQL databases, including schema design, query optimization, and data management.Utilized Bootstrap to develop mobile-first, responsive web designs, enhancing user experience across various devices.Conducted code reviews and debugging to maintain high code quality and ensure adherence to best practices.Integrated third-party APIs to enhance application functionality and streamline data processing.	
Techpath Research and Development PVT. - Varanasi Full Stack development Intern	Oct 2022 - Dec 2022
<ul style="list-style-type: none">Completed an 2-month internship as a Python Developer, contributing to the design and development of enterprise-grade solutions.Gained hands-on experience with Python, specializing in the architecture, design, and deployment of scalable systems.Collaborated in rolling out distributed, large-scale, low-latency web applications, incorporating REST, Data Caching Services, and database schema design.Contributed to the crafting and architecture of distributed systems, concurrent programming, and coding of data structures	

PROJECTS

CRUD - PHP	Jul 2024 - Aug 2024
<ul style="list-style-type: none">Developed a CRUD PHP application to manage notes, leveraging MySQL for database operations and ensuring secure data handling with <code>mysqli_real_escape_string</code>.Integrated DataTables and jQuery to create dynamic, searchable, and sortable tables, enhancing user interaction and data presentation.Implemented Bootstrap for responsive design, improving the user interface and overall user experience across various devices.Debugged and resolved issues related to SQL syntax and external script integration, ensuring robust application performance and security.	
Educate Yourself Web App	May 2024 - Aug 2024
<ul style="list-style-type: none">Developed the "Educate Yourself" web app using Python and Django, ensuring a robust backend for seamless user experiences.Designed and implemented PostgreSQL databases for efficient data storage, retrieval, and management.Created responsive and interactive front-end interfaces with HTML5, CSS3, Bootstrap5, and JavaScript to enhance user engagement.Integrated user authentication and a variety of learning facilities, allowing users to log in and access diverse educational resources.	

SKILLS

Programming Languages :	Proficiency in Python programming language including proficiency in framework such as Django, Flask
Database :	DB schema design, data access technologies, proficiency in SQL (queries, procedures, optimization), MySQL (administration, backup, replication), and familiarity with relational (e.g., MySQL) and non-relational databases (e.g., MongoDB).
Version Control :	Proficient in GitHub for version control, including creating branches, committing changes, and handling pull requests
Cloud Services :	Expertise in AWS cloud computing services, including EC2, S3, RDS, and Lambda
Problem-Solving :	Strong problem-solving skills with a keen interest in technology
Quick Learner :	Adapt quickly to new technologies and environments.
Adaptability :	Versatile in handling changing project requirements and environments.