

Rajat Kumar

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EDUCATION

B.Tech in Computer Science and Engineering, Punjab Engineering College
Current CGPA: 7.24

December 2021 – present
Chandigarh

PROFESSIONAL EXPERIENCE

Software Development Intern, Schoolpad Technologies Pvt. Ltd.

January 2024 – present
Mohali

- Collaborated with the development team to develop and deploy full-stack solutions for diverse client projects, utilizing a stack comprising SQL, PHP Codeigniter framework, React.js, and RESTful APIs.
- Played a key role in the development lifecycle of multiple live projects, from the initial concept and design to implementation and deployment.

PROJECTS

NOTE-VERSE, Front-End based notes taking application 📄

- **Tech Stack Used: HTML, CSS, JavaScript, and React.js.**
- Built a stylish and user-friendly notes app that allows users to create, manage, and efficiently delete notes.
- Designed to facilitate note-taking and structured organization of personal notes in an intuitive way enhancing the user experience by 50%.

SMART PRICE, Full stack e-commerce price tracking application 📄

- **Tech Stack Used: Next.js, Bright Data, Nodemailer, MongoDB, and Tailwind CSS**
- Engineered an E-commerce Price Tracker using Next.js, enabling users to track Amazon product prices and receive email notifications for price drops and restocks, enhancing user engagement and purchase opportunities by 40%.
- Integrated real-time data scraping and email notification system, providing timely updates and informing users about product availability and price changes.

RISE-TOGETHER, Full-stack crowd-funding application 📄

- **Tech Stack Used: Next.js, TypeScript, MongoDB, Clerk, and Tailwind CSS**
- Designed a crowdfunding platform, incorporating advanced admin functionalities such as campaign management, user administration, secure **Stripe** payment integration, and robust user authentication via **Clerk**, ensuring efficient and safe operations, and increasing campaign success rate by 40%.
- Developed intuitive user-facing features for seamless campaign discovery, including category-based filtering and organizer search, significantly enhancing user experience and optimizing donation tracking.

SKILLS

Programming Languages -

C++, Python, SQL, PHP, JavaScript, Dart, TypeScript

Computer Fundamentals -

Object Oriented Programming, Operating Systems, Computer Networks, DBMS, Linux

Libraries/Frameworks -

Bootstrap, Tailwind CSS, Node.js, jQuery, Express.js, React.js, Flutter, Next.js

Developer Tools -

Git and Github, Visual Studio Code, PyCharm, Postman

Add-ons -

Data Structures, Algorithms, HTML5, CSS, EJS, REST APIs, Material UI, Power BI

Datastore Technologies -

PostgreSQL, MySQL, MongoDB

ACHIEVEMENTS

Secured Top 10 Position in ZS Campus Beats Tech and Case Challenge

- Demonstrated exceptional technical and analytical skills to rank in the top 10 out of 2500+ teams across the country in a prestigious national-level competition organized by ZS Associates.

Certificate of Completion 📄

- The Complete 2023 Web Development Bootcamp

Certificate of Excellence 📄

- C++ Foundation With Data Structures and Advanced Algorithms Live

Problem Solving 📄

- Solved 500+ problems on various coding platforms like CodeStudio and LeetCode

Certificate of Appreciation

- Received Certificate of Appreciation from Punjab Engineering College for outstanding contributions during the academic year 2022-23.

POSITIONS OF RESPONSIBILITY

Implementation Body Member, PEC ACM-CSS 📄

November 2022 –
July 2023

Executive Body Member, PEC ACM-CSS

August 2023

Joint-Head (Discipline Committee), PECFEST - 2023

November 2023