Pratham Kumar

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EDUCATION

Chandigarh University   Aug 2019 – July 2023
Bachelor in Computer Science & Engineering   Mohali, Punjab, India
CGPA: 7.59/10.00
- **Coursework**: Data Structures, Algorithms, Databases, Computer Systems, Machine Learning
- **Research**: Improved Cloud Storage System using IPFS for Decentralised Data Storage

SKILLS

Programming : Java | JavaScript | React.js | HTML5 | CSS | MySQL | Python
Technical skills : Git and Github | Test-driven development | Database administration (DBA) | Quality assurance (QA) | Project management | REST API | Object-Oriented Programming (OOP) | Performance engineering | Application monitoring | Design patterns (MVC, MVVM, SPA) | Web application security

EXPERIENCE

HighRadius   Jan 2022 – Apr 2023
Product and Engineering Intern   Remote, India
- Developed and deployed a robust B2B invoice management application using React.js and Java Servlet, achieving a **significant** 45% reduction in manual errors and streamlining the invoice processing workflow.
- Analyzed extensive datasets using Python libraries, including NumPy and Pandas, to extract valuable insights and identify trends for strategic decision-making with **precision**.
- Demonstrated proficiency in Object-Oriented Programming (OOP), Java, Pandas, MySQL, ReactJS, and JavaScript with **meticulous attention to detail**.

PROJECTS

FashionPedia: eCommerce Platform with Admin Panel and Payment Integration   Oct 2023 – Dec 2023
- Created a dynamic and responsive React.js frontend for optimal user experience across various devices.
- Developed a secure Node.js backend for server-side logic and API, ensuring efficient data flow and handling.
- Seamlessly integrated a widely-used payment gateway (e.g., Stripe, Razor Pay) to facilitate secure online transactions. You can check out the **GitHub repository** for more details.

PicturePedia: A Movie Web-App Using TMDB API   July 2023 – Nov 2023
- Created an interactive movie website with a React.js frontend, backed by Node.js for server-side logic.
- Enhanced user experience through skeleton loading, providing a visually engaging interface during data fetching.
- Integrated TMDB API for movie details, images, and trailers, catering to movie enthusiasts and users seeking engaging content. You can explore the **web application** for more information.

ACHIEVEMENT

2023 Google Cloud, Cloud Skill Boost Badge
2023 Research Paper IEEE Bangalore, Kalpataru Institute of Technology, TIPTUR

CERTIFICATION

2024 HackerRank, JAVA Basic Certification
2024 HackerRank, Problem Solving Skills (Intermediate) Certification
2024 Infosys SpringBoard, JAVA Young Professional Certificate
2022 Coursera, Programming Foundation with JavaScript HTML and CSS
2022 NPTEL, IIT Bangalore, Foundation Of Cryptography
2019 NPTEL, IIT Kharagpur, Programming with CPP