



Pooja Garg

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PROFESSIONAL EXPERIENCE

PayU

Pune, India

Software Engineer

March 2022 – SEP 2023

- Utilized React's component-based architecture to create modular and scalable microservices.
- Implemented functional React components for various features including user creation, modification, deletion, and search functionalities, utilizing React Router DOM, React Icons, React Custom Hooks, React Bootstrap, React Hooks, React Testing Library (Jest), React Table Library, React Tooltip, Axios, and Redux, reducing workload by 65% and ensuring timely delivery.
- Possess extensive experience in creating API, with focus on successfully integrating them into projects, and proficiently testing their functionality using tools like Postman.
- Developed interactive graphical user interface design for payment portals addressing L&T Finance's loan repayment requirements and various universities' hostel and college fee transactions, showcasing robust problem-solving skills through adept identification, analysis, and resolution of challenges encountered, while maintaining a driven approach throughout the development process.
- Developed Python scripts to fetch details from PayU's main database and securely transmit them to clients via email and SFTP.
- Successfully integrated payment APIs into websites, ensuring secure and efficient transactions.

PayU

Pune, India

Software Engineer Intern

SEP 2021 – March 2022

- Understood the fundamentals of payment processing systems, including transaction flows, security protocols, and compliance standards.
- Gained hands-on experience with the entire software development lifecycle, from requirements gathering to deployment and maintenance.
- Acquired knowledge of coding best practices such as code readability, and maintainability
- Became proficient in using version control systems like Git for collaborative development
- Learned how to integrate with external APIs for services like payment gateways, and authentication.
- Enhanced communication skills by collaborating with cross-functional teams and presenting project updates or findings, while also being accustomed to technical environments, where I handled complex challenges to achieve innovative solutions.

EDUCATION

UNIVERSITY OF PADERBORN

Paderborn, Germany

Masters in Computer Science

2023-current

SavitriBhai Phule Pune University

Pune, India

Bachelor in Information Technology

2018-2022

CGPA: 9.06 or German Grade: 1.4

SKILLS

- **Front-end:** HTML, CSS, JavaScript, Reactjs
- **Back-end:** Python3, PHP, Cpp
- **Database:** My SQL
- **Task Management:** Agile, Jira, Confluence
- **Other:** Linux, Git, GitLab, Bitbucket

LANGUAGES

- **English:** C1, Full Professional Proficiency
- **German:** A1, Elementary Proficiency

ACHIEVEMENTS

- **Research Paper**
“Detection of Phishing Website Using Machine Learning”, Available at IJAR SCT:
<https://ijarsct.co.in/Paper3850.pdf>

CERTIFICATES

- **Python for Everybody:**
<https://www.coursera.org/account/accomplishments/specialization/certificate/WPE8BVAUHZ3K>
- **Programming for Everybody (Getting Started with Python):**
<https://www.coursera.org/account/accomplishments/certificate/52C9UKXQ9FM9>
- **Python Data Structures (Coursera):**
<https://www.coursera.org/account/accomplishments/certificate/AXARA7TWL5UN>
- **HTML, CSS, and Javascript for Web Developers (Coursera) :**
<https://www.coursera.org/account/accomplishments/certificate/RXN795MDPD6Z>
- **Javascript ES6 Certification course:**
<https://www.udemy.com/certificate/UC-948ddd58-a3dc-4726-9db9-b209b20a3da4/>
- **Getting started with react**
hooks: <https://www.udemy.com/certificate/UC-f189e7c1-57dd-4469-8f75-d73082538c58/>

VOLUNTEERING EXPERIENCE

Orphanage Teaching

Anchoring at the college level

Donations