PRABHNOOR SINGH

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OBJECTIVE

Self-driven software engineer with expertise in application development, web development and data analysis. Seeking an intern position to leverage my technical and programming skills in Java, C#, Python, React JS, MS office and DevOPs to develop innovative solutions. Competent while working in a cross functional collaborative fast paced team environment along with excellent analytical thinking, problem solving and communication skills.

EDUCATION

Master of Applied Computing   May 2023 - Sept 2024 (Expected)
University of Windsor, Windsor, ON
GPA: 83.6/100 (Available to start 4-8 months internship in May 2024)

Bachelor of Technology in Computer Science and Engineering   July 2018 - May 2022
Guru Nanak Dev University, Punjab, India
GPA: 84.5/100

SKILLS

Programming Languages	C, C++, C#, Java, Python, Java, Bootstrap, HTTP, JavaScript
Database Systems	SQL, MySQL, NoSQL, MongoDB, Azure, SQL Server
DevOps	Databricks, Docker, Kubernetes, Jenkins, CI/CD pipeline, Terraform
Data Science	MS PowerBI, Tableau, Data Warehouse, Google Analytics, Big data
Technologies	React, Node, AWS, Cloud Computing, Artificial Intelligence(AI)
Version Control and Management	Git, Github, Bitbucket, Confluence, Jira, Agile, Scrum, SDLC
Operating Systems	MS Windows Server, Mac OS, Unix/Linux
Soft Skills	Teamwork, Leadership, Creativity, Continuous Integration
Others	CLI, MS Office, PowerPoint, Excel, UML, Code review

EXPERIENCE

Associate Software Engineer   Aug 2022 - Mar 2023
Amdocs Software Systems Ltd.   *Haryana, IN*

- Managed a SaaS CRM system for Airtel telecommunications of India utilizing best industry practices.
- Worked with a team of 8 to ensure server up-time and security; responsible for handling data of over 100k users.
- Designed and implemented tasks in CI/CD pipelines for quality assurance with tools like Jenkins.
- Gained theoretical knowledge of DevOps, Jenkins, Terraform, and RESTful APIs.

Front End Developer Intern   Jun 2022 - Aug 2022
Kalam Solutions   *Haryana, IN*

- Designed and enhanced the front end of an end-to-end Ed-tech platform, which served over 1500 users.
- Implemented Cross Browser Development strategies to ensure optimal functionality and user experience.
- Utilized Unified Modeling Language (UML) to create technical design documents in a team of 4 members.

Data Analytics Intern   May 2022 - July 2022
Photoshooto PVT LTD   *Karnataka, IN*

- Handled large datasets and derived valuable insights along with managing client requests of over 1000 clients.
- Performed analytic tasks including Data Scraping, Data Cleaning and Data Visualization.
- Created and validated current and built roadmaps for future processes with business partners.

PROJECTS

Bike Store Web API (Group Project) 🔗
Technologies: C#, MySQL, RabbitMQ, NUnit

- Collaborated with a team of 3 members to devise an API that replicates Bike store operations.
- Developed web-based API using C# and adopted Entity framework as an object-relation mapper.
- Implemented RabbitMQ as a messaging middleware within the API architecture.
- Utilized JUnit to automate the integration and unit testing to ensure reliability and functionality of API.

School Scout (Individual Project) 🔗
Technologies: MongoDB, Express.JS, React.JS, Node.JS (MERN)

- Built a cross-functional full stack desktop application deployed for maintaining students in database.
- Facilitated in processing and sorting, reducing 100% of manual work of searching and checking student data.
- Leveraged MERN stack to support efficient storage and retrieval of data with interactive UI using React JS.
- Utilized Selenium as a testing tool, to automate test-driven development of the project.

Gym Management System (Group Project)
Technologies: C#, MySQL, ASP.NET, HTML, CSS, JS

- Designed and implemented a scalable application for university gym center while working in a team of 4 members.
- Improved user satisfaction of more than 200 members by 50%, by helping them to check their status and inventory.
- Helped admin to notify users about their payments and status along with updating the inventory status.
- Defined technical specifications, outlining the system architecture and interaction protocols with the system.
- Applied .NET framework to build system using MySQL as a database and HTML, CSS, and JS for user interface.

CERTIFICATIONS

- React.Js Essential Training from LinkedIn Learning
- Node.Js Essential Training from LinkedIn Learning
- Express Essential Training from LinkedIn Learning
- Unix Essential Training from LinkedIn Learning
- Learning Linux Command Line from LinkedIn Learning
- Learning REST APIs from LinkedIn Learning
- DevOps foundations from LinkedIn Learning
- Machine Learning Training from VMM Education
- Power BI Essential Training from LinkedIn Learning

ACHIEVEMENTS & LEADERSHIP

Appreciation award for proposing Gym management system   Aug 2020
Guru Nanak Dev University

First place in university wide hackathon   Nov 2020
Guru Nanak Dev University

Computer Engineering Student Society(CESS) President   Jan 2021 - May 2022
Guru Nanak Dev University

- Organized hackathons and technical events throughout the campus.
- Worked closely with other departments to ensure smooth conduction of events.
- Lead a team of 8 members to conduct the placement season of the year 2021.