Mayur Mule

Full-Stack Software Developer

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EDUCATION

University of Illinois Chicago   Aug 2021 - May 2023 // Chicago, USA

Master of Science in Computer Science (GPA 3.6 / 4)

Coursework: Computer Algorithms, Database Systems, Secure Web App Development, Human Computer Interaction, Introduction to Data Science, Data Mining and Text Mining, Information Retrieval

University of Mumbai   Aug 2014 - May 2018 // Mumbai, India

Bachelor of Technology in Electronics & Telecommunication Engineering (GPA 7.5 / 10)

WORK EXPERIENCE

Software Engineer Intern @ PayPal   May 2022 - Aug 2022 // San Jose, USA

▷ Worked on Tag Manager SDK (Node.js), a PayPal in-house product which is initialized on all PayPal pages. Identified the areas in the SDK that could have potential impact on page performance and optimized them.

▷ Designed a test suite using Jest framework and deployed the changes to PayPal's live website, a significant improvement in page performance was observed.

▷ Migrated the Tag Manager config schema from JS to JSON for easy integration with the self-service UI. Automated the deployment tasks using Jenkins pipeline which saved manual efforts and led to 80% reduction in deployment time.

Graduate Assistant @ University of Illinois Chicago   Aug 2021 - Present // Chicago, USA

▷ Full-stack developer with the Technology Solutions department (UIC).

▷ Design RESTful APIs and build automated scripts using Node.js, Express.js and SQL. Develop reusable UI components using Vue.js and write test cases using Jest framework.

Software Engineer @ Accenture   Aug 2018 - Jun 2021 // Mumbai, India

▷ Worked with a variety of different languages, frameworks, and content management systems such as JavaScript, TypeScript, jQuery, React, Knockout.js, Angular, Node.js, Bootstrap, SharePoint, etc.

▷ Architected and implemented a use case chatbot using Microsoft Bot Framework and LUIS AI. The chatbot provided an engaging alternative to the users, eased the service desk's ticket management process, and resulted in a 30% reduction in the ticket turnaround time.

▷ Designed and maintained the UI/UX of intranet sites as per client want, developed interactive apps primarily using SharePoint Framework and React, which were highly configurable, with a focus given on attention to detail.

▷ Identified the segments of production deployment that could be automated, built SharePoint workflows and multiple PowerShell/C# utilities which saved up to 8+ hours of manual effort per deployment and reduced the site downtime significantly.

▷ Developed visual web parts, web applications, and console applications using .NET Framework and SQL.

ACADEMIC PROJECTS

Deliwer - Delivery Solution for Businesses

A website designed using HCI concepts as an alternative to current delivery services, aimed at providing restaurant owners and delivery personnel with a platform for direct communication. A novel bid-to-hire approach eliminating the need for payroll management.

> React | Tailwind CSS | Node.js | Express.js | MongoDB

Camplus - Social Network for Campus

A social network android application that aimed to bridge the gap amidst the inquisitive students seeking help or insight about academics, projects, research, internships, placements, etc.

> Android Studio| Java | SQL | PHP | MySQL | Firebase

TECHNICAL SKILLS

Programming Languages: JavaScript (ES5+), Typescript, Java, Python, HTML, CSS/Sass, SQL, C#, C, PowerShell, PHP

Libraries & Frameworks: jQuery, React, Node.js, Express.js, Vue.js, Knockout.js, Angular, Bootstrap, Tailwind CSS, .NET Framework, SharePoint Framework, SharePoint Workflows, Microsoft Bot Framework, LUIS AI

Tools & Platforms: Jenkins, CI/CD, Postman, Git, TFVC, GitHub, SharePoint 2013/2019/Online, Android Studio, MySQL, MSSQL, Jira