Pulkit Mehta

Senior Technical Lead & People Manager
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CAREER PROFILE

With over 6 years of experience as a Full-Stack Developer, Technical Manager, and Leader, I bring a proven track record of delivering innovative and high-quality solutions across diverse projects. With a comprehensive skill set encompassing both front-end and back-end technologies, coupled with strong leadership capabilities, I have consistently driven teams to success while exceeding project expectations.

TECHNICAL EXPERTISE

Technologies:

- **Programming Languages:** JavaScript (Node.js, React.js, Express.js), .NET (C#)
- **Cloud Services:** Azure (Web Services, Azure Functions, Azure DevOps)

Front-End Development:

- **Frameworks and Libraries:** React.js, Redux, HTML5, CSS3, JavaScript, Tailwind CSS, Bootstrap

Back-End Development:

- **Frameworks:** Node.js, Express.js, .NET Core
- **Database Management:** MongoDB, SQL Server, Azure SQL Database

DevOps and Cloud Technologies:

- **CI/CD Pipelines:** Azure DevOps, Jenkins
- **Containerization and Orchestration:** Docker, Kubernetes
- **Cloud Deployment:** Azure Web Services, Azure Functions

Web Technologies:

- **API Development:** RESTful APIs
- **Web Development Tools:** Visual Studio, Visual Studio Code, Postman, Swagger

Tools and Version Control:

- **Development Tools:** Visual Studio, Visual Studio Code
- **Version Control Systems:** GitHub, Azure Repos

Testing:

- **Testing Frameworks:** Cypress, Selenium, JUnit
- **Debugging Tools:** Chrome Developer Tools, Visual Studio Debugger

Methodologies:

- **Development Practices:** Agile, Scrum, Test-Driven Development (TDD), Continuous Integration/Continuous Deployment (CI/CD)

Logging and Monitoring:

- **Logging Tools:** Azure Monitor, Log Analytics
- **Monitoring Tools:** Application Insights, Splunk

Infrastructure:

- **Azure Services:** Azure Web Apps, Azure Functions, Azure Storage, Azure SQL Database, Azure Kubernetes Service (AKS)
- **Microservices Architecture:** Node.js with Docker, .NET Core with Docker

Additional Skills:

- **API Management:** Azure API Management
- **Authentication and Authorization:** OAuth2, JWT, Azure Active Directory
- **Build Tools:** Webpack, Babel

LEADERSHIP AND MANAGEMENT

Team Leadership:
Proven ability to lead cross-functional teams of developers, designers, and stakeholders to achieve project objectives within budget and timelines.

Technical Mentorship:
Passionate about knowledge sharing and mentorship, guiding team members to enhance their technical skills and professional development.

Strategic Planning:
Proficient in aligning technical initiatives with business goals, developing roadmaps, and executing strategies to drive innovation and growth.

Stakeholder Engagement:
Effective communicator with a demonstrated ability to establish and maintain strong relationships with clients, ensuring transparency and alignment throughout the project lifecycle.

Training and Development: Developed and executed comprehensive training programs, including workshops and tutorials, which enhanced team productivity by 30%.

Recruitment and Talent Acquisition: Oversaw the recruitment process, defining job requirements, conducting interviews, and selecting top-tier developers, leading to a 25% increase in team performance.

WORK EXPERIENCE

Senior Technical Lead & People Manager
Clear Dynamics, Bendigo & Melbourne
March 2020 – June 2024

Project 1:

Grain price Bidding Portal (July 2022 – May 2024)

Project Overview: Led front-end development for a large-scale grain bidding platform for traders in a multinational company. Employed React.js for frontend development, .NET for backend services, and microservices architecture.

Responsibilities:

- Developed frontend features using React.js and Redux, ensuring seamless integration with backend microservices.
- Utilized React Table to craft a dynamic bidding table with an array of features for streamlined data visualization, enabling simultaneous updates of prices for multiple grades.
- Collaborated with UX/UI designers to create intuitive interfaces and enhance user experience.
- Conducted performance optimization to improve application speed and responsiveness.
- Managed CI/CD pipelines for automated deployment and release management.

- Acted as a primary point of contact for frontend-related matters, facilitating communication and feedback between stakeholders and the development team.

TECHNOLOGY STACK

React.js, Redux, TypeScript, .NET, Microservices Architecture, CI/CD Pipelines**,** Cypress, Azure

Project 2:

Loan Origination Process for a Bank (*Jun 2021 – May 2024)*

Project Overview: Led front-end development for a bank's loan origination system, optimizing the application process for customers and employees.

Responsibilities:

- Developed frontend components using React.js and Redux, ensuring seamless integration with backend microservices.
- Developed a comprehensive application process for a new banking product, ensuring a seamless experience for both staff and clients. Incorporated multiple checks with third-party APIs to validate data before reaching completion, enhancing security and efficiency throughout the process.
- Collaborated with UX/UI designers to implement intuitive interfaces and user-friendly features.
- Use Lean and Agile principles, techniques and tools for product delivery and support.
- Actively participate in Sprint Planning, Team Retrospectives, and Story Refinement sessions.
- Identify and communicate challenges/risks faced by the team to complete tasks
- Actively participate in team feedback sessions, positively receive constructive feedback, and formulate strategies to work on and improve performance based on feedback received.
- Actively mentoring Interns on Development best practices

TECHNOLOGY STACK

React.js, Redux, TypeScript, .NET, Microservices Architecture, CI/CD Pipelines**,** Cypress, Azure

Project 3:

Credit Card Application System for a Financial Service Provider (Oct 2022 - Nov 2023)

Project Overview: Led the development of an online application form and a staff portal for various credit card offerings at a leading financial service provider. The project aimed to streamline the credit card application process, improve user experience, and enhance the efficiency of the internal approval workflow.

Responsibilities:

- Developed a responsive and user-friendly application form with React.js and Tailwind CSS, ensuring intuitive user interactions and validation checks.
- Designed and implemented a robust server architecture with Node.js and Express.js to handle form submissions, data processing, and integration with other services.
- Developed RESTful APIs for efficient communication between the front-end and back-end systems, ensuring seamless data flow and operations.
- Implemented comprehensive validation logic to ensure data integrity and consistency at both the server and database levels.
- Utilised MongoDB for secure data storage and efficient retrieval, implementing optimized queries for better performance.
- Created an internal portal for staff to review and manage applications, with features like tracking, status updates, and automated notifications.
- Integrated third-party services for credit checks and applicant verification, extending the functionality of the application.
- Ensured application security by following best practices such as encryption, input validation, and implementing secure user authentication and role-based access control using JWT.
- Deployed on a cloud platform for high availability and scalability, providing ongoing support and enhancements.

TECHNOLOGY STACK

React.js, Redux, Typescript, HTML5, CSS3, JavaScript, Node.js, Express.js, MongoDB, JWT, Axios, Tailwind

Project 4:

Educational Staff Portal and Student Application System for a University (Nov 2021 - Sep 2022)

Project Overview: Led the development of a comprehensive staff portal and student application system for a university. The project aimed to streamline administrative tasks, improve the application process for students, and enhance the overall user experience for both staff and students.

Responsibilities:

- Developed a responsive and intuitive application system using React.js and Material UI facilitating easy navigation and interaction for students.
- Designed and implemented scalable and maintainable server architecture using Node.js and Express.js to handle various functionalities including student data management, application processing, and administrative tasks.
- Created RESTful APIs for seamless communication between the front-end and back-end, ensuring efficient data flow and operations.
- Employed MongoDB for secure and efficient data storage and management, optimizing queries for better performance.
- Created a feature-rich portal for university staff to manage student applications, scheduling, and communication.
- Ensured application security by implementing best practices such as input validation, encryption, and secure user authentication and authorization using JWT.
- Integrated various third-party APIs for real-time data validation and communication with external systems.
- Ensured high availability and scalability by deploying the application on a cloud platform, and provided continuous support and improvements.

TECHNOLOGY STACK:

React.js, Redux, Typescript, HTML5, CSS3, JavaScript, Node.js, Express.js, MongoDB, JWT, Axios, Material UI

System Engineer
Infosys Ltd, India
July 2016 – February 2018

Project: *Online Music App (Jan 2017 - Feb 2018)*

Project Overview: Contributed to the development of an online music streaming app, aimed at providing users with a platform to upload, share, and discover new music.

Responsibilities:

- Designed and developed frontend components using HTML5, CSS, Angular.js and JavaScript to create a responsive and interactive user interface.
- Implemented audio playback features and user authentication functionalities to enable users to stream and upload music.
- Collaborated with backend developers to integrate frontend components with backend APIs using RESTful principles.
- Conducted user interface testing and debugging to ensure compatibility across various browsers and devices.
- Worked closely with UX/UI designers to implement design mockups and improve overall usability.

TECHNOLOGY STACK

HTML, CSS, Java, Angular.js

EDUCATION

Master of Information and Technology
Deakin University, Burwood
Feb 2018 – Nov 2019

Bachelor of Engineering
Panjab University, Chandigarh
April 2012 – May 2016

REFEREES   Available on request