Mayur Shivakumar

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Education

California Polytechnic State University   **Sep 2022 – Apr 2024**
Master's in Computer Science (GPA: 4/4)   *San Luis Obispo, California, USA*

Visvesvaraya Technological University   **Aug 2016 – Jun 2020**
Bachelor's in Computer Science Engineering (GPA: 3.69/4)   *Bangalore, Karnataka, India*

Technical Skills

Languages: JavaScript, Python, Typescript, Java, C, C#, C++, Kotlin, HTML, CSS
Frameworks: Angular, React, ASP.NET Core, NodeJS, Django, AWS, Azure, Flask, Drupal, WordPress
Database: SQL, NoSQL, PostgreSQL, MongoDB, MySQL

Experience

California Polytechnic State University, San Luis Obispo   **Jan 2023 - Present**
Web Engineer & Discovery Layer Coordinator   *California, USA*

- Revamping the Robert E. Kennedy Library website using Angular and WordPress, with a focus on conducting a comprehensive analysis of the content, identifying key areas for improvement, and optimizing the user experience
- Communicate with stakeholders at all levels of the organization, presenting complex technical information in a clear and concise manner to ensure project buy-in and success

Epicor Software Corporation   **Jun 2022 - Aug 2022**
Product Developer   *Bangalore, India*

- Engineered the Epicor Design Studio web application builder toolset, enabling clients to develop and customize apps without coding skills; the toolset reduced development time and cost for the clients
- Resolved over 80 high-priority issues, adding to the product's quality and improving the user experience, at the time of release in the tenure of 45 days
- Proficiently resolved and upheld Azure Build Pipelines, ensuring seamless functionality and contributing to enhanced workflow efficiency
- Mentored a team of 5 associates to take on the project and enabled active contribution, adding value to the product as part of the mentorship program

Epicor Software Corporation   **Sep 2020 - May 2022**
Associate Product Developer   *Bangalore, India*

- Implemented the ecosystem to move the Epicor ERP product suite from the windows desktop to the web space
- Spearheaded the development of Kinetic ERP Cloud Application (SaaS), from ideation to launch; collaborated with cross-functional teams to deliver a product that achieved an increase in customer retention rate
- Built Epicor MetaFx, a web-client runtime engine that decodes JSON files and produces single-page web applications, speeding up the loading of data-intensive web pages to less than half a second
- Developed and designed 25+ reusable, modular components for the Platform-UX Framework, resulting in an increase in development efficiency

Epicor Software Corporation   **Jan 2020 - Aug 2020**
Product Development Intern   *Bangalore, India*

- Constructed a Bullet Chart - Key Performance Indicator (KPI) for Epicor Data Discovery (EDD) product; enabled stakeholders to analyze performance indicators and report growth metrics resulting in a substantial reduction in customer support issues
- Created services for EDD to render scales, axes, geometries, and animations across a single SVG surface using D3.js
- Improved the effectiveness of EDD APIs, which cut the response time for REST requests by 50%

Projects

Affective Music Composer | *Python, JavaScript*   **Oct 2022 - Dec 2022**

- Developed an affective music composer using NLP BERT model and machine learning techniques to analyze input music titles and generate music with the same emotional sentiment as the title
- Achieved an accuracy rate of 87% in generating music for the desired prompt, as determined by user surveys and subjective evaluations
- Demonstrated the system's effectiveness by generating music from each of the four emotional quadrants, which subjectively matched the respective quadrant's emotional sentiment