

# MAYUR SHIVAKUMAR

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## Education

California Polytechnic State University, San Luis Obispo

Master's in Computer Science (GPA: 4)

Sep 2022 – Jun 2024

San Luis Obispo, CA, USA

## Experience

California Polytechnic State University, San Luis Obispo

Frontend Developer

Jan 2023 - Present

California, USA

- Revamping the website of Robert E. Kennedy Library using Angular and WordPress, optimizing content, and enhancing user experience
- Designing and implementing innovative features, streamlining the production process, and ensuring stakeholder satisfaction
- Supervising a team of content writers and designers, balancing leadership with hands-on development to meet critical project milestones and deliverables

Epicor Software Corporation

Software Engineer (Jun 2022 - Aug 2022)

Jan 2020 - Aug 2022

Bangalore, India

- **Toolset Innovation:** 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
- **Issue Resolution:** 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
- **Team Leadership:** 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
- **Azure Maintenance:** Proficiently resolved and upheld Azure Build Pipelines, ensuring seamless functionality and contributing to enhanced workflow efficiency

Associate Software Engineer (Sep 2020 - May 2022)

- **Cloud Application Development:** 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
- **Ecosystem Transition:** Implemented the Epicor ERP product suite in a web-based ecosystem, moving away from the Windows desktop
- **Component Design:** Developed and designed 25+ reusable, modular components for the Platform-UX Framework, increasing development efficiency
- **Runtime Engine Creation:** 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

Software Engineer Intern (Jan 2020 - Aug 2020)

- **API Optimization:** Improved the effectiveness of EDD APIs, which cut the response time for REST requests by 50%
- **Performance Analysis Tool:** Constructed a Bullet Chart - Key Performance Indicator for EDD product; enabled stakeholders to analyze performance and report growth metrics, resulting in a substantial reduction in customer support issues
- **Advanced Service Rendering:** Created services for EDD to render scales, axes, geometries, and animations across a single SVG surface using D3.js

## Projects

fEMR | Java, MySQL, IntelliJ, Play Framework, Scala

Sep 2023 - Apr 2024 (Expected)

- Internationalizing fEMR System: Leading the transformation for global accessibility by translating the UI and enhancing database architecture for multi-language support. Ensuring efficient progress tracking through Jira

Food Genie | Kotlin, Firebase, Android Jetpack

Apr 2023 - Jun 2023

- Recipe Recommendation App Innovation: Crafted a Kotlin-based mobile app, integrating Firebase for robust user authentication and Android Jetpack for superior UI/UX, delivering personalized recipe suggestions and seamless device compatibility

Find My Major | MEAN Stack, Python, BERT, DistilBERT, KNN, MLP

Sep 2022 - Dec 2022

- Major Selection Advisor Tool: Orchestrated the development of a web tool using advanced NLP techniques like BERT, KNN, and MLP to match Cal Poly students with ideal majors, achieving 0.74 accuracy in personalized suggestions

## Technical Skills

**Programming and Markup Languages:** Typescript, Python, Javascript, Java, C#, Kotlin, SQL, HTML, CSS

**Frontend & UI Libraries :** React, Angular, Redux, RxJS, Material-UI, Angular Material, Figma

**Frameworks:** ASP.Net Core, Node.js, Express.js, Django, Flask

**Databases:** PostgreSQL, MongoDB, MS SQL Server, NoSQL

**Cloud Services:** AWS, Azure

**Others:** Docker, GIT, Postman, Swagger, Design Patterns, Agile, Github