

# Preksha Sangvikar

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Highly qualified and motivated Full Stack Web Developer, recently graduated from the University of California Berkely's coding Bootcamp September 2024, seeking a junior developer or internship position to enhance my technical skills, and understanding of project management principals. With 1 year of demonstrated experience in business operations, customer qualification and project management., I specialize in merging technical expertise with superior interpersonal communication across all management levels. Dedicated to continuous learning and eager to contribute to and advance within your esteemed organization.

## EDUCATION

**MS IT Project Management, Golden Gate University, San Francisco, CA. (GPA- 4.0)**

**December**

**2023**

Coursework- Introduction to PM, Agile Management for Project Managers, Data Analysis for Managers, IT Management & Digital Transformation, Project government program portfolio management, Project Risk Management, Supply chain management, Advance Project Planning, finance and control, Security privacy and compliance, Software engineering leadership, securing technology infrastructure.

**BE in Aerospace Engineering, VTU University (R.V College of Engineering) Bengaluru, India**

**October 2021**

## TECHNICAL SKILLS

**Frontend:** HTML, CSS, JavaScript, Bootstrap, jQuery, React, Node.js, API Integration, Styled-Components

**Backend:** PostgreSQL, NoSQL, Python, C#, MongoDB, Scratch, Express.js, Node.js, API integration.

**Methodologies:** Agile Methodology, Scrum, Kanban, Routes, Object-Oriented Programming (OOP), Object Relational Mapping (ORM), API integration, GraphQL, MERN, Wireframe Design

**Developer Tools:** Visual Studio Code, Git, GitHub, GitLab, Render, Heroku, Apollo, Microsoft Azure, Microsoft Office 365, MongoDB Compass, MongoDB Atlas, NPM, Insomnia, Command Line Interface (CLI)

**Operating Systems:** Windows, macOS, iOS

## PROJECT MANAGEMENT SKILLS

Program Management, Agile, Scrum, Waterfall, Project Estimation, Risk Mitigation, Process Improvement, Customer Management, Project Scope, Plan & Scheduling, Excellent Communication, Data Visualization, Servant Leadership, Problem Solving, software development lifecycle, Strong client engagement skills, Stakeholder Communicating, Product Marketing, strategy, Product Design, Burndown Chart, Organizational Change Management, RACI Matrix, Traceability Matrix, Critical Path Analysis, Quantitative skills, Listening , written and verbal communication skills, building business relationships, biweekly reporting, time management, DevOps, CI/CD, Critical reasoning.

**Project Management Tools** – JIRA, Confluence, Slack Smartsheet, Asana, Monday.com, Tableau, Power BI, SharePoint, Advance Excel, PowerPoint, , Microsoft Project, SAP S/4 HANA, SAP Business technology platform, SAP data Intelligence cloud, SAP solutions manager

**Certification: Certified Associate in Project Management (CAPM)**, Certified Scrum Master (**CSM**) by scrum alliance, Microsoft -Harnessing the power of Power BI, SAP Professional Fundamentals, SAP Understanding the Enterprise Systems Environment, Designing a SAP solution, Implementing a SAP solution, SAP Customer Engagement and Discovery.

## PROJECTS

**Full Stack Engineer and Architect | Human Resources SQL Employee Tracker**

**June 2024- Sept 2024**

Command Line Interface (CLI) SQL Database Management Application

GitHub | JavaScript | Node.js | Inquirer | PostgreSQL

**Project Link:** <https://github.com/Preksha2408/Preksha-Employee-tracker-challenge12.git>

- SQL Database Management:** Developed a command-line interface (CLI) application, leveraging Node.js, Inquirer.js, and PostgreSQL, to facilitate dynamic CRUD operations on an SQL Human Resources employee database tracker.
- User-centric CLI:** Engineered user-friendly (CLI) that enables both developers & non developers to seamlessly manage employee data, emphasizing a deep understanding of user experience (UX) and the translation of complex operations into user-friendly prompts.

**Full Stack Engineer & Architect | Event Finder Application**

**June 2024- Sept 2024**

Event Discovery & Management Platform

GitHub | JavaScript | React | Node.js | Express.js | MongoDB | Google Maps API | Ticketmaster API

**Project Link:** <https://github.com/Preksha2408/Event-finder-project01.git>

**Deployed App:** <https://preksha2408.github.io/Event-finder-project01/>

- Event Discovery Platform:** Developed a sophisticated web application integrating the Google Maps API and Ticketmaster API, allowing users to discover and explore events based on their preferences, and providing detailed event information through interactive cards.
- User-Centric Interface:** Designed an intuitive and responsive interface using Bulma and Bootstrap, focusing on a seamless user experience (UX) for event search, filtering, and detailed exploration, ensuring ease of use across different devices and platforms.

**Full Stack Engineer & Architect | Weather Dashboard**

**June 2024- Sept 2024**

Real-Time Weather Forecasting Web Application

GitHub | JavaScript | HTML | CSS | OpenWeatherMap API | Bootstrap

**Project Link:** <https://github.com/Preksha2408/Weather-dashboard-challenge06.git>

**Deployed App:** <https://preksha2408.github.io/Weather-dashboard-challenge06/>

- Dynamic Weather Forecasting:** Developed a real-time weather dashboard application utilizing the OpenWeatherMap API, providing users with current weather conditions and a 5-day forecast based on their selected location.
- Responsive User Interface:** Engineered a user-friendly and responsive UI with Bootstrap, ensuring optimal performance across various devices while offering an intuitive user experience for weather data visualization.

## Project Manager & Full Stack Engineer | Event Planner

June 2024- Sept 2024

Event Management Platform

GitHub | JavaScript | React | Node.js | Express.js | MongoDB | Google Calendar API | Framer Motion

**Project Link:** <https://github.com/Preksha2408/Preksha-PrestigePlanner-client.git>

**Deployed App:** <https://prestigeplanners.netlify.app/>

- **Comprehensive Event Management:** Developed a sophisticated event management platform that enables users to create, update, and delete events, manage customer data, and track event timelines.
- **Seamless Integration with Google Calendar:** Implemented Google Calendar API integration for synchronizing event schedules, ensuring users can manage their events efficiently.
- **Robust Backend:** Leveraged Node.js and Express.js to construct a reliable server-side application, with MongoDB providing a scalable and flexible database solution.

## Project Manager & Full Stack Engineer | Book Search Engine

June 2024- Sept 2024

Book Search Engine

**Project Link:** <https://github.com/Preksha2408/Preksha-Book-Search-Engine.git>

GitHub | JavaScript | Express.js | MongoDB | GraphQL | Google Books API

**Deployed App:** <https://preksha-book-search-engine.onrender.com>

- **Advanced Book Searching:** Developed a robust book search engine utilizing the Google Books API, enabling users to search for books by title, author, or ISBN.
- **Comprehensive Data Management:** Employed MongoDB for efficient storage and retrieval of user search history and favorite books.
- **Optimized Data Querying:** Integrated GraphQL for seamless querying and manipulation of book data, enhancing the performance and efficiency of data handling.

## Full Stack Engineer & Architect | Professional Portfolio

June 2024- Sept 2024

Professional Portfolio

GitHub | JavaScript | React | Node.js | Express.js | MongoDB

**Project Link:** <https://github.com/Preksha2408/Preksha-React-portfolio-challenge20.git>

**Deployed App:** <https://preksha-react-portfolio.netlify.app/>

- **Showcasing Professional Skills:** Developed a comprehensive professional portfolio to highlight technical skills, projects, and professional experiences.
- **Interactive User Interface:** Utilized React to create a dynamic and interactive user interface, providing an engaging and seamless browsing experience.

## PROFESSIONAL EXPERIENCE

### Customer Qualification Intern, Samsung Semiconductor, San Jose, CA

May 2023- August 2023

- Successfully converted python test suite's which included code modification from python 2.7 to python 3.8. Resolved more than 500+ script issues and manually tested python scripts on more than 10 different customers firmware on Samsung's Enterprise and Data Center Non-Volatile memory SSDs.
- Verified python scripts on customer's firmware using STAAMP test automation test platform and made the script available to all teams.
- Committed script changes to repository using GIT version control. Added new features to the test suite used by functional and customer qualification teams.
- Drove project delivery, ensuring all technical aspects are handled effectively and risks are mitigated. Proactively identify dependencies and blockers at all levels and seek to eliminate them.
- Collaborate with internal stakeholders and contribute to the strategic planning and execution of company goals. Coordinated with the technical team to guide the design and implementation of python scripts to test the SSDs based on customer's firmware.
- Scripts issues for existing products in the repo. Coordinated internally within customer qualification CQ team to resolve any issues or bottlenecks. Identified enhancements to NVMe 1.4 specific register values. Handled multiple tasks simultaneously, ensuring progress according to the timeline and specifications. Validated the new 3.8 python scripts with multiple customer firmware & products.
- Collaborated with cross functional teams throughout the unit testing of python scripts which led to proper execution of operations.

### Project Management Intern, Auto TEC Systems Private Limited, Bangalore, India

Aug 2021 – July 2022

- Created project budgets and spending strategies using Microsoft Excel to ensure the effectiveness of financial controls and risk mitigation. Supported project managers in maintenance of project documentation of customers and deliveries, schedules, requirements and RAID log and reports using SharePoint. Gained experience working in a cross-functional environment.
- Supporting senior project manager in product development plan of UAV-subsystems. Acquire or validate material pricing, draft and implement subcontract agreements, purchase contracts, and purchase orders based on precise quantities, scope, and schedule requirements.
- Examine contracts, blueprints, and specifications thoroughly to grasp the scope, terms, conditions, and project timeline comprehensively. Develop the project budget and present it to the Project Executive or Operations Manager for approval. Collaborate with senior management to enhance cash flow throughout the project, managing project billings and expenses effectively over its duration.
- Collaborate with project teams to ensure that projects stay within budget and meet the expectations of the customer. Supervise on-site staff and manage the coordination of materials required for projects.
- Developed data visualization dashboards in Tableau for business KPIs (Key Performance Indicators). Spearheaded the planning, execution, and timely completion of ERP (Sage), WMS, and A.I. implementation projects, ensuring adherence to budgetary constraints, scope requirements, and project deadlines.
- Created standardized project processes, templates, and document process flow which reduced time taken to build project schedules and onboarding new customers. Produced Gantt charts in Excel which assisted the team in prioritizing time-sensitive tasks first.
- Work cross functionality with key business units and operation team stakeholders to prioritize, coordinate and execute system and process improvement projects, showcases and enhancements. Created project plans appropriate to the size, scope and resource required.
- Scheduled and facilitated agile ceremonies, organized scrum meetings, partnered with product owners to determine priorities, and lead teams using agile methodologies to improve efficiency and conducted sprint reviews and retrospectives. Led project delivery from initiation to closing in a flexible, fast paced environment by building roadmaps, elicited requirements, managed backlogs, risk analysis, and created WBS. Worked creatively and analytically on problem-solving the project roadblocks.

## VOLUNTEERING

### Staff member, Bio Supply Management Alliance, San Francisco, CA

March 2023

