

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>

- 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>

- 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.

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 DataCenter 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