BHAVESH JAIN
SOFTWARE DEVELOPMENT ENGINEER

Leetcode | Vercel ▲

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https://bhaveshjain-portfolio.vercel.app/

SKILLS

Skills	-	Software Development	Web Development	CI/CD	OOPS	DSA	Agile Methodology
Languages	-	Python	C++	C	SQL	API	Socket IO
Frontend	-	HTML	CSS	Bootstrap	Javascript	Typescript	ReactJs	Redux
Backend	-	NextJs	NodeJs	ExpressJs	Flask	Django	Rest API	Fast API
Database	-	MongoDB	MySQL	PostgreSQL
Tools	-	Git	GitHub	MongoDB Compass	Postman	Vercel	ChatGPT

PROFESSIONAL EXPERIENCE

AIE TECHNOLOGIES PVT LTD   Varanasi, India
Software Development Engineer   September 2023 - December 2023
Internship

- Worked under it's subsidiary firm "Schoolpen". Collaborated with a team of 10 members to conceive and develop an app from inception.
- Took charge of 40% of the base structure development, translating UI designs into functional components.
- Engineered and managed multiple user profiles (Student, Parent, Teacher, and Management), executing over 100 CRUD operations to ensure seamless functionality.
- Constructed dynamic APIs to accommodate both basic and advanced UI requirements, resulting in a total of 20 endpoints with an average response time of under 100 milliseconds.
- Established connections with MongoDB servers, designing and managing 5 databases and 20 collections to support app functionalities. Utilized socket programming to create a real-time interactive platform for quizzes and exams, facilitating over 50 simultaneous connections with a 90% uptime.
- Enhanced server-side model logic, resulting in a 20% reduction in response time and a 10% improvement in runtime efficiency, contributing significantly to overall backend development.

IMPELSYS   Bangalore, India
Software Engineer Trainee   January 2022 - August 2022
Internship Certificate

- Engineered dynamic UI components with React JS, ejs, and JavaScript, resulting in a 20% reduction in user interaction time and a 15% decrease in data retrieval time through optimized Rest APIs.
- Documented technical workflows to educate newly hired employees. Created 2 blogs per day on the ongoing project.
- Collaborated with a cross-functional team, in enhachment of Jira-like app, successfully resolved 5-8 bugs per sprint and implemented 5 new features, including company logo integration, form validation, link buttons, and page redirection.
- Implemented server-side logic with Node.js, contributing to a 5% improvement in backend response time, equating to an average reduction of 50 milliseconds per API call.
- Applied Agile methodologies to project management, resulting in a 10% increase in team productivity and a 20% decrease in time-to-market for new features.

PROJECTS

Shop Store [Link]   January 24 - February 24

- Successfully created an Inventory Management App, which provides user-friendly interface and leading to a significant increase in user engagement by 20%.
- Implemented advanced features such as real-time notifications, resulting in a substantial decrease in response time by 30% for critical inventory updates.
- Deployed the application on Vercel and Render, ensuring seamless accessibility and optimal performance.
- Utilized market analytics tools to make data-driven decisions, leading to a reduction in excess inventory.
- Technologies used :- React.js, SCSS, Node.js, Express.js, Redux Toolkit, Cloudinary, Nodemailer and Vercel

E-Commerce Website [Link]   January 24

- Successfully replicated the core features of a renowned E-Commerce platform, showcasing proficiency in frontend and backend development.
- Optimized the user journey, resulting in a significant increase in user satisfaction and a reduction in cart abandonment rates.
- Integrated secure payment gateways, leading to a substantial improvement in successful payment completions.
- Technologies used :- React.js, Material-UI, Redux, Node.js, Express.js and MongoDB

Blog Website [Link]
December 23 - January 24

- Designed and developed a dynamic and responsive blog website, showcasing proficiency in full-stack web development. The project focuses on providing users with a seamless and interactive blogging experience.
- Key Features :- User Authentication, CRUD Operations, Responsive UI/UX, RESTful API, Frontend-Backend Interaction, Rich Editor and Deployment
- Technologies used :- HTML, CSS, Material UI, Javascript, React.js, Node.js, Express.js, MongoDB, JSON Web Tokens (JWT) and Vercel.

MCQEXAM [Link]
July 23 - August 23

- An innovative online MCQ (Multiple Choice Question) exam platform. The platform's main objective is to enable teachers to create MCQ-based exams, while providing users with the opportunity to participate in these online exams in real-time. Features it provides Exam Creation, Real-time MCQs, Instant Results, Secure and Reliable, User-friendly Interface
- Technologies used :- HTML, CSS, Python, Javascript, Django, Django Widget Tweaks

EDUCATION

SRM Institute of Science and Technology
Chennai, India
Bachelor of Technology [B.Tech]
2018 – 2022
Computer Science and Engineering with specialization in Software Engineering
CGPA - 9.31

Ambuja Vidya Peeth
Rawan, India
12th [CBSE]
2017 – 2018
PCM + CS
Percentage - 90.4%

CERTIFICATIONS

Python Essentials - 1 [Link]
CISCO (07/2023)
National Qualifier Test [Percentage - 70%] [Link]
TCS ION (06/2023)
Introduction to Data Science [Link]
CISCO (07/2023)
Data Analytics Essential [Link]
CISCO (07/2023)
Software Engineering Virtual Experience [Link]
JP MORGAN CHASE & CO (06/2023)
Data Structures and Algorithm in Python [Link]
NPTEL (12/2020)
Web Development Course [Link]
MYCAPTAIN (08/2020)