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Portfolio

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Education :

2024 | Grade : 9.71/10 SGPI (Sem V)

**Bachelor of Engineering in
Computer Engineering
Mumbai University**

2020 | Percentage: 84.7/100

**HSC
Maharashtra State Board of Technical
Education**

Expertise :

- PowerBI ★★☆☆☆
- MERN Application ★★★★★
- ML & DL Algorithms ★★★★★
- SQL & NoSQL Databases ★★★★★
- Data Structures & Algorithms ★★★★★
- Critical Thinking ★★★★★
- Leadership & Management Skills ★★★★★
- Communication Skills ★★★★★

Achievements:

3rd Prize- Multiverse of Hacking (Hackathon)

1'st Prize- Oscillation '23(Paper Presentation)

2'nd Prize- VNPS (National Level Project
Showcase)

2'nd Prize- Technical Quiz (VCET)

Akhila Anilkumar

Web Developmentt (MERN Stack) Enthusiastic

Aspiring Associate Software Engineer with a passion for cutting-edge technology and a drive to deliver exceptional user experiences. Skilled in object-oriented design and development, I am well-versed in the Software Development Life Cycle and possess expertise in HTML, CSS, JavaScript, and Node.js. My dedication to continuous learning and problem-solving has earned me a ★★★★★ ranking on HackerRank and recognition in the VCET Hackathon 22. I am excited about the opportunity to contribute my technical acumen and collaborative mindset to Contentstack, a company renowned for its innovative solutions and impressive client roster. Seeking a dynamic and challenging environment where I can thrive, grow, and create meaningful impact.

Projects :

○ Jan, 23 - Mar, 23

Sales Dashboard | Sales analysis MERN app

MongoDB, Express, React, Node. Shows year-wise, sector-wise sales distribution, product analysis, and global sales visualization. Helps salespersons make informed decisions.

○ Jan, 18 - Mar, 23

AI Image Generator | DALLE API based MERN app

Create posts with name, description (auto-generated with "Surprise me" prompt), and share with the community. Users can generate and download images.

○ Jun, 2 - Jun, 26

Portfolio | React web app

Portfolio website built with ReactJS, featuring About Me, Skills, Education, Experience, Projects, and Contact Me sections. Showcased my background, skills, and projects while allowing the visitors to connect with me easily.

○ Nov, 22 - Dec, 22

Farmer Assistance | Machine Learning & Deep Learning

This website incorporates 4 ML models (Crop Recommendation, Quality, Fertilizer, Yield Prediction) and 2 DL models (Weed & Disease Detection using YOLO4) deployed with Flask for accurate agricultural insights.

Areas of interest:

Web Development : Languages: HTML, CSS, JS
Framework : ReactJs, NodeJs (RE), ExpressJs, Flask
Databases: SQL - MySQL, NoSQL - MongoDB
Tools : VS Code, MS-SQL Server, MongoDB Cloud

Data Analytics : Language: Python
Tools : PowerBI, Google Colab, MS Excel.
Hands-on practice on various Machine Learning & Deep Learning Algorithms.

Internship :

CRM (mern stack) - OTET Infosystem

Mar, 11 - Present

Web Development Intern

This CRM project includes a Sales Rep Work Area with task management, lead tracking, proposal creation, meeting scheduling, call logs, performance metrics, and browser notifications. The Admin Panel offers similar features and adds onboarding, lead assignment, and performance review capabilities.

Courses & Certification:

React Basics: | META

- Explored the basic structure and use of the React.js library.
- Learned how to produce single-page web applications using React components.
- Gained knowledge of using JSX to style React components effectively.
- Explored the concept and practical use of state and state management in React.js.
- Learned how to handle events and dynamically change content on web pages based on the application's state.
- Explored the basics of single and multi-page navigation in React.js.
- Learned about conditional rendering, enabling the ability to change content based on user status or choices.
- Assessed knowledge by completing the task of creating a simple calculator app.
- Applied the learned concepts to the real-world project, reinforcing understanding of React.js and state management.

Advanced React: | META

- Understanding Props and State in React.
- Using Context for managing state across components.
- Implementing a light-dark theme switcher using Context.
- Working with React hooks, specifically the useState hook for state management.
- Handling side effects with the useEffect hook.
- Data fetching using hooks and best practices.
- Managing cross-cutting concerns with Higher-order components (HOC) and render props.
- Manipulating JSX elements and components with children.
- Creating a portfolio using React.
- Exploring popular external libraries for React.

Overall, the course covered advanced React concepts, state management, hooks, context, cross-cutting concerns, and integrating external libraries into React projects. It helped me to learn how to create dynamic components and efficiently manage state and data fetching while following best practices in software development with React.

Developing Back-End Apps with Node.js and Express: | IBM

- Explored server-side JavaScript and the concept of back-end development.
- Learned the basics of Node.js and its modules, including importing and requiring.
- Created a web server using Node.js and worked with advanced modules.
- Got introduced to Node Package Manager (NPM) for managing dependencies.
- Utilized callbacks and asynchronous programming, along with handling JSON data.
- Studied Promises and async/await for better control over asynchronous operations.
- Explored third-party Node.js extensions and web frameworks, focusing on Express.
- Built an Express web application with routing, middleware, and templates.
- Learned about authentication and authorization in Node.js applications.
- Practiced CRUD operations with Node.js and Express to interact with REST APIs.
- Developed a Friends List Application using Express and JWT for user authentication.
- Completed a Final Project involving a Book Review Application.
- Participated in a Peer Review Assignment.
- Reviewed Express best practices and its web application framework.
- Concluded the course with a Course Wrap Up and congratulatory message.