**DEEPEN PADWAL**

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**SUMMARY**

Full Stack Developer with extensive experience in building and optimizing web applications. Proficient in

leveraging AI tools to enhance software development processes. Strong problem-solving skills with a proven ability to work both independently and collaboratively in dynamic environments.

# SKILLS

# Languages: Python, HTML5, CSS3, JavaScript, TypeScript, SQL, GraphQL

# Front End: ReactJS, Angular, Bootstrap

# Back End: Express.js, Node.js

# Tools & Technologies: ETL, Tableau, MS Excel, PowerBI, MS Visio, Postman, Visual Studio, Veracode, DBeaver, JIRA, IntelliJ, Cypress, Hasura, Docker, Material UI

# Version Control: Git, GitHub, Bitbucket

# Databases: Oracle SQL Developer/Modeler, PostgreSQL, MySQL

# Cloud Services: Microsoft Azure, AWS

# Methodologies: Agile, Scrum, Software Design Patterns

# AI Tools: GitHub Copilot, Cursor AI, AI-driven code development, GenAI

**EXPERIENCE**

**Software Engineer,** Tampa, FL

Tata Consultancy Services Limited (Client: PwC), March 2021- Present

* Developed and maintained user-facing features for web applications using **ReactJS**, JavaScript, TypeScript, and Material UI, enhancing user engagement by 20%.
* Optimized web application performance, reducing loading times by 30% and improving user satisfaction.
* Managed version control using **Git**, facilitating seamless collaboration and reducing merge conflicts by 40%.
* Developed automated unit and integration tests to ensure high code quality and application stability.
* Utilized Jira and Confluence for effective project management, improving team productivity.
* Conducted thorough testing and debugging of web APIs using **Postman** to ensure reliability and uptime.
* Created technical documentation and facilitated knowledge transfer sessions to support team members.
* Designed and implemented data visualizations and reports using PowerBI to inform data-driven decision-making.
* Leveraged **AI tools** such as **GitHub Copilot** and Cursor AI to enhance code review processes and optimize development workflows.
* Provided mentorship to junior developers to support their growth and improve project delivery.

**Developer(GRA),** Montgomery, AL

Auburn University at Montgomery, September 2018 – May 2020

* Collaborated on the development of a **Python** application to efficiently fetch cryptocurrency articles from Reddit, achieving a 50% improvement in data retrieval speed.
* Designed and implemented data tables using PyQt5 to display results from an Oracle database, enhancing data accessibility.
* Conducted ETL processes for sentiment analysis, maintaining strict quality control for accuracy.
* Contributed to the design and architecture of applications with a focus on scalability and maintainability.
* Analyzed cryptocurrency trends through **sentiment analysis**, generating reports that provided insights into market emotions.
* Worked with cross-functional teams to align project goals and ensure successful deliverables.

# EDUCATION

**Master of Science** (M.S.) in Management Information Systems

Auburn University at Montgomery, 2020

**Bachelor of Engineering** (B.E.) in Information Technology

University of Mumbai, 2016

**HONORS AND CERTIFICATIONS**

* AWS Certified Cloud Practitioner (In Process)
* MS: Programming in HTML5 with CSS3 and JavaScript