PRINCE PASTAKIYA

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LinkedIn   GitHub   Portfolio   Open to Remote • Open to Relocate

SUMMARY.

- **Proficient in full-stack development using React.js, Node.js, Express.js, SQL, and JavaScript/TypeScript.**
- **Hands-on experience with cloud computing, specifically AWS Cloud.**
- **Developed multiple full-stack web applications, integrating front-end and back-end technologies.**
- **Knowledge of machine learning concepts with practical project experience in Python.**
- **Skilled in development tools such as Visual Studio Code, GitHub, and Jira for version control, collaboration, and project management.**
- **Adept at designing and deploying scalable, maintainable software solutions for various applications.**

PROJECTS.

SyncSphere - Project and Task Management.   Repository   **Being Deployed on AWS.**

- **Technologies:** Node.js, JavaScript, AWS, TypeScript, PostgreSQL, Express.js, AWS S3, AWS EC2, Recharts, Tailwind CSS.
- An enterprise-level project management web application designed to improve productivity and track projects and tasks.
- **Features:** Task and project management, Real-time project tracking, Task prioritization, Drag-and-drop interface for easy organization, Interactive dashboard.
- Full-stack development, and deployment on AWS infrastructure.

Bonvoy - Hotel Reservation Web Application.   Link   **Deployed on Vercel.**

- **Technologies:** Next.js, React.js, TypeScript, Node.js, Stripe Payments, Sanity.io, Tailwind CSS.
- Bonvoy is a hotel room discovery platform that offers a user-friendly interface for users to explore and find the best hotel rooms. With sign-in functionality to check their old stays or upcoming reservations.
- **Features:** Integration with Stripe for secure payments, Utilizes Sanity.io for content management, Fast and responsive design with Tailwind CSS.
- Full-stack development, responsible for both front-end and back-end implementation, and deployed on Vercel.

Finance Dashboard - Predicts the revenue.   Repository   **Not Deployed !!**

- **Technologies:** React.js, Material-UI, Node.js, TypeScript, MongoDB, Recharts.js, Vite, Redux Toolkit, Express.js, regression-model.
- An industry-level finance dashboard featuring revenue prediction functionality powered by machine learning.
- **Features:** Real-time data visualization using Recharts.js, Predictive analytics for financial metrics, Responsive UI built with Material-UI, Client-side routing with React Router
- Full-stack development, including frontend and backend integration.

Eye-Controlled Mouse - OpenCV & Python.   <u>Repository</u>

- **Technologies:** Python, OpenCV, MediaPipe, PyAutoGUI.
- A Python script that uses MediaPipe's Face Mesh to track the user's eye movements, allowing control of the mouse cursor. It also simulates mouse clicks through blinking.
- **Features:** eye-tracking using webcam input, mouse cursor control through eye movements, blink detection for mouse clicks.
- Python development, machine learning integration for eye tracking.

PROFESSIONAL EXPERIENCE.

IT Department Assistant | Troy University, Troy, AL. | October 2021 - August 2022.

- Organized a 32-hours **TroyHack** seminar at Troy University with the assistance of the **Department Chair,** attracting over **250 participants.**
- Offered **peer tutoring** and academic advisingmore than **100** computer science students at Troy University.

College Tutor | Remote | Troy University, Troy, AL. | March 2021 - July 2022.

- Taught students fundamental and advanced concepts of C++, such as syntax, datatypes, data structures, functions, classes, and OOP.
- Facilitated learning of Java programming focusing on inheritance, encapsulation, polymorphism, and abstraction.

Full Stack Bootcamp | University of North Carolina (UNC) | Charlotte, NC. | Duration: 4 Days.

- Covers web technologies, including databases and server-side programming.

CERTIFICATION.

<u>AWS Certified Solutions Architect - Associate</u>, *Amazon Web Services (AWS)* **| July 2024**

EDUCATION.

Bachelor of Science **Computer Science | Troy University, Troy, AL. | Jan 2020 - Dec 2024**

CORE COMPETENCIES.

- **Front-end:** React.js, Vue.js, TypeScript, JavaScript, Tailwind CSS, APIs, Rechart.js.
- **Database Management:** PostgreSQL, MongoDB, MySQL.
- **Cloud Technologies:** Amazon Web Services, Azure (learning).
- **Programming languages:** Python, C++, JavaScript.
- **IDEs**: Visual Studio Code, PyCharm.
- **Technical Skills:** Git, GitHub, Restful, MS Excel, Jira.