

Atharva Bibave

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EDUCATION

- University of Houston** Houston, TX
 - Master of Science - Computer Science Aug 2024 - May 2026
 - Courses:** Artificial Intelligence, Program Analysis and Testing, Cloud Computing
- Savitribai Phule Pune University** Pune, IN
 - Bachelor of Engineering - Computer Engineering Aug 2020 - May 2024
 - Courses:** Data Structures and Algorithms, Database Management Systems, Operating Systems, Computer Networks, Machine Learning, Deep Learning, Blockchain, Data Science, Big Data Analytics, Cyber Security

SKILLS

- Languages:** Python, Java, C/C++, JavaScript, TypeScript, Solidity, HTML/CSS, Bash Script
- Frameworks:** ReactJs, NextJs, NodeJS, REST API, Recoil, Redux, Tailwind CSS, WebRTC
- Tools:** Kubernetes, Docker, Git, Jenkins, Prisma, Terraform, Ansible
- Databases:** MySQL, PostgreSQL, NoSQL, MongoDB, SQLite, Redis
- Platforms:** Linux, Web, Windows, AWS, GCP, Ethereum

EXPERIENCE

- ETI Outreach Intern** Houston, Tx
 - University of Houston Energy Department Sep 2024 - Present
 - Developed department website** to enhance user experience and engagement, contributing to a 35% increase in web traffic.
 - Collaborated with cross-functional teams** to strategize and implement content and website deployment plans, ensuring consistent and targeted messaging across digital platforms.
 - Created outreach content** including blog posts, newsletters, and social media updates, to effectively communicate key initiatives and programs.
- Software Developer Intern** Lucknow, India
 - CodeAlpha Apr 2023 - June 2023
 - Designed** reusable React components for customer facing sites, reducing development time by 20% and ensuring consistency across the team.
 - Configured authentication and authorization** mechanism using OAuth 2.0 and JWT, enhancing security and user experience for internal application.
 - Optimized database queries** and schema designs in MySQL, improving data retrieval speeds by 30%.

PROJECTS

- Evoting Dapp Using Blockchain** | Ethereum, Solidity, Polygon, MetaMask, EtherJs, React
 - Developed a decentralized application** using Ethereum blockchain
 - Optimized the performance** by integrating Polygon, reducing gas fees by 25% and increasing scalability by 70%.
 - Implemented secure smart contracts** in Solidity, ensuring efficient and reliable on-chain transactions.
 - Integrated MetaMask** for seamless user authentication and EtherJs for interacting with Ethereum blockchain.
- CoderHouse** | MongoDB, Express, React, Tailwind, NodeJS, Context API, WebRTC, Socket.IO, Docker
 - Developed a voice-based** social networking app using the MERN stack, enabling real-time audio interactions.
 - Implemented WebRTC** for audio streaming, ensuring low-latency communication among users.
 - Integrated scalable backend** with Node.js and Express.
 - Managed user authentication** and real-time data via MongoDB and Socket.IO.
- SwiftMoney** | NextJs, React, PostgreSQL, TailwindCSS, Typescript, Prisma, NextAuth, Stripe
 - Developed a mobile payment platform** using Next.js and React, enabling seamless and secure transactions.
 - Integrated PostgreSQL with Prisma** for efficient database management, ensuring fast and scalable data operations.
 - Implemented Stripe for secure payment processing** handling transactions with industry-standard encryption
 - Configured NextAuth for secure user authentication** streamlining the sign-up and login process.

VOLUNTEER EXPERIENCE

- Vice-President, Entrepreneurship Cell (Ecell) — Skncoe** Pune, India
 - Actively contributed to fostering an entrepreneurial culture on campus by organizing events. Jan 2021 - May 2024
- Campus Ambassador — Coding Ninja** Pune, India
 - Organized events, conducted workshops and delivered workshops reaching 7000+ developers. Aug 2021 - Dec 2023