Prashant Channe

+1 (930) 904-4193 | prchanne@iu.edu | github.com/prashantchanne12 | linkedin.com/in/prashant-channe

Education

Indiana University Bloomington   **Aug 2024 – May 2026**
Master of Science in Computer Science   Bloomington, IN

Vidyalankar Institute of Technology   **Aug 2019 – May 2022**
Bachelors in Information Technology   Mumbai, India

Experience

Software Developer   **Jul 2022 – Jun 2024**
nVent Thermal Management   Mumbai, India
- Improved application robustness by identifying and fixing software defects, **writing tests** that cover 70% of the application, and increasing code coverage by 30%.
- Enhanced application performance and **UI/UX** by developing and optimizing complex interfaces, reducing loading time by 20%, resulting in a smoother and faster user experience.
- Improved chart components by addressing performance issues, reducing chart loading time by 7 seconds, and adding informative features, resulting in enhanced data visualization and user experience.
- Revamped deployment processes by creating automation scripts in Python and Ansible, reducing manual errors by 50%.
- Facilitated and led Scrum events as a **Scrum Master** for a team of 5, including Daily Standups, Sprint Planning, and Retrospectives, ensuring efficient communication and collaboration among team members.
- Led interactive training sessions for 25+ new hires on essential technologies including React, Python, and CSS. Coordinated in the hiring committee by preparing interview questions and interviewing candidates.

Software Development Engineer Intern   **Feb 2021 – May 2021**
ipledgefor   Mumbai, India
- Implemented API endpoints with complex business logic, expanding the website's functionality.
- Optimized legacy MongoDB queries by refining data retrieval processes, achieving a 30% reduction API response time.
- Leveraged **AWS** services (S3, SES, Lambda) to boost website performance and introduce new features.

Technical Skills

Languages: JavaScript, Python, Java, C#, Go, Typescript, SQL (Postgres)
Frameworks: React, Angular, Vue, Spring Boot, Next.js, .NET, Node.js, React Native, Flutter, Jest, Cypress
Developer Tools & other: Git, Docker, Kubernetes, MongoDB, HTML, CSS, SCSS, Ansible, Linux

Projects

Decentralized Donation Platform 🔗 | Next.js, JavaScript, Tailwind CSS, Solidity, Smart Contracts, Web3
- Developed a decentralized cryptocurrency donation platform to tackle transparency issues, campaigns unification, and speed up international transactions.
- Leveraged the power of smart contracts using Solidity to automate and secure donation processes.
- Crafted a clean, intuitive UI with Next.js and Tailwind CSS, delivering a user-friendly experience with efficient design.

Bird Species Detector 🔗 | Flutter, TensorFlow, Python, NumPy, Pandas, Matplotlib, Dart
- Built a Flutter app for identifying bird species from images, providing bird enthusiasts and researchers with a user-friendly tool for nearly accurate species recognition.
- Incorporated TensorFlow transfer learning to develop a powerful bird species identification model.
- Trained the model on dataset of 25,000 images spanning over 180 different species of birds.

Locally. 🔗 | React Native, JavaScript, Expo, Tailwind CSS, Supabase
- Created a React Native app to display local services available in the user's area, ideal for newcomers.
- Users can browse services such as nearby internet providers, carpenters, plumbers, and gyms, including prices, timings, reviews, and ratings.

RecommendMe 🔗 | React, JavaScript, Redux, Express.js, NoSQL, MongoDB, Sockets.io, Node.js
- Developed a web application for sharing personal recommendations, enabling users to recommend favorite TV shows, movies, books, games, or anything else to friends.
- Created features for users to follow, upvote, embed, comment, and bookmark friends' recommendations, fostering an engaging platform for active user interactions.