

Prashant Channe

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Education

Indiana University Bloomington

Master of Science in Computer Science

Aug 2024 – May 2026

Bloomington, IN

Vidyalankar Institute of Technology

Bachelors in Information Technology

Aug 2019 – May 2022

Mumbai, India

Experience

Software Developer | [React](#), [Angular](#), [.NET](#), [Python](#), [MongoDB](#), [AWS](#), [Kubernetes](#)

Jul 2022 – Jun 2024

nVent Thermal Management

Mumbai, India

- Improved application robustness by identifying and fixing software defects, writing [Unit and Automated tests](#) to achieve 70% coverage, 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 [React](#) 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](#), [Angular](#) and [Python](#). Coordinated in the hiring committee by preparing interview questions and interviewing candidates.

Software Development Engineer Intern | [Angular](#), [Node.js](#), [MongoDB](#), [AWS](#)

Feb 2021 – May 2021

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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: [Python](#), [JavaScript](#), [Java](#), [C#](#), [C++](#), [Go](#), [Typescript](#), [SQL \(Postgres\)](#)

Frameworks: [React](#), [Angular](#), [Spring Boot](#), [Next.js](#), [.NET](#), [Node.js](#), [React Native](#), [Flutter](#), [Jest](#), [Cypress](#)

Developer Tools & other: [Git](#), [Docker](#), [Kubernetes](#), [MongoDB](#), [RESTful API](#), [HTML](#), [CSS](#), [Ansible](#), [Linux](#)

Projects

Decentralized Donation Platform | [Next.js](#), [JavaScript](#), [Context API](#), [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.