

NIKHIL PATIL

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Education

California State University • Master of Science in Computer Science

Jan 2022 – Present

- **Courses:** Machine Learning, Computer Graphics

GPA: 3.6

Mumbai University • Bachelor of Computer Engineering

Jun 2016 – Oct 2022

- **Courses:** Data Structures, Algorithms, Data mining
- Founded robotics club with 4 other teammates and trained junior students in robotics, arranged robotics and programming introductory seminars for high school students
- Led teams of sizes 5-20 to organize programming events

CGPA: 7.3/10

Skills

Languages: Python, C#, Java, C, JavaScript

Technologies: Android development, jQuery, REST APIs, SQL, Bootstrap, AWS, Git, ASP .NET

Work Experience

Junior Developer

Ratnagiri, MH, IN

Gadre Infotech Pvt. Ltd.

Feb 2020 - Feb 2021

Web Solutions Company

- Accelerated development by working at a rapid pace to perform critical bug fixes while also introducing new features and sub-features meeting tight, weekly release cycles
- Went beyond daily bug fixing tasks to perform basic quality assurance and create patches for the newly identified bugs right away, reducing tester and client reported bugs by 20%
- Added and optimized COVID-19 related functionalities in a health-related product within a week resulting 30% increase in sales
- Onboarded clients by collecting requirements and implementing unique forms resulting in increased customer satisfaction by as much as 60%

Projects

Delivery drone.

- Designed and developed an android app that enables users to choose the drone's destination location using Google maps SDK
- Integrated SSH and SFTP in the app to allow secure connection between the app and the Raspberry Pi onboard the drone

Credit card acceptance prediction

- Built a machine learning model using XGBoost to predict credit card acceptance of a customer based on their past spending habits, achieving 87% accuracy.

Smart irrigation system.

- Built a linear regression model with 85% accuracy to determine the amount of water needed for the plant based on environmental conditions and won 2nd price in the hackathon

Interests

Video games • Artificial Intelligence • Hiking • User Interfaces • Learning • Motorcycles • Music