

# Prasad Chaskar

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## Experience

### Solera.inc

Aug 2022 – present

#### Software Engineer II

- Developed and maintained backend REST APIs in C# and integrated them with third-party systems and SQL Server databases, enhancing data handling efficiency and reliability.
- Deployed and optimized applications on IIS (Internet Information Services), troubleshooting and enhancing system performance, which reduced deployment issues by 40%
- Created and optimized 50+ Stored Procedures, Triggers, and Functions in SQL Server, reducing query execution time by 25% and streamlining database processes.

### Cluzerts.ai

Nov 2021 – Jan 2022

#### Data Science Intern

- Applied machine learning algorithms (Logistic Regression, Decision Trees, Support Vector Machine) to build predictive models, improving model accuracy by 15%
- Improved model performance through rigorous testing, enhancing data insights and prediction reliability.
- Produced detailed technical reports for management, facilitating decision-making and project evaluation.

### Pianalytix

Nov 2020 – Dec 2020

#### Machine Learning Intern

- Implemented supervised learning strategies, assimilating logistic regression, random forest, and support vector machines.
- Utilized advanced ML libraries, cutting development time by 25%, achieving 97% accuracy in heart attack prediction.

## Education

### Matoshri College of Engineering, Nashik

Jul 2018 – Aug 2022

Bachelor of Engineering in Computer Science (CGPA: 8.7 / 10)

Nashik, Maharashtra

## Technical Skills

**Languages:** Python, C#, JavaScript

**Databases:** SQL Server, MySQL, Stored Procedures, Triggers, Functions

**Source Code Management:** GitHub

**Frameworks:** .NET Core, ASP.NET, ASP.NET MVC, Django, FastAPI

**Tools:** Internet Information Services, Docker, Kubernetes, Git, Linux, VS Code, Postman

**Frontend:** HTML5, CSS3, JavaScript, jQuery, React.js

**Other:** Object-Oriented Programming, Debugging, Agile Methodology, Machine Learning, Deep Learning

## Projects

### Predictive Health Analyzer | Machine Learning, Python Django

- Developed a web app to predict diabetes and heart attack risks using machine learning, achieving 94% accuracy for diabetes and 92% for heart attack prediction.
- Designed an intuitive user interface for seamless data input, delivering instant and reliable health risk assessments.
- Empowered preventive healthcare through data-driven insights, enabling early intervention.

### Crop Leaf Disease Prediction and Management System | FastAPI, Python, TensorFlow, scikit-learn, React.js

- Developed an agriculture app that increased crop yield by 30% while reducing disease-related losses by 20% for farmers.
- Attained 90% accuracy in predicting potato leaf diseases and 93% accuracy in predicting corn leaf diseases using machine learning, improving disease detection by 25%.
- Implemented FastAPI backend with ReactJS frontend, which improved application performance and user experience.

### Sentiment Analysis on Financial News Using NLP | Python, NLP, scikit-learn

- Applied NLP techniques (tokenization, part-of-speech tagging, sentiment analysis) to analyze emotions in financial news headlines, categorizing them as Neutral, Positive, or Negative.
- Enhanced prediction accuracy through data preprocessing and model refinement, providing valuable insights for financial decision-making.