

Priyanka Yellesha

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Education

Elmhurst University

Master's in Computer Information Technology

Aug 2023 – May 2025

Elmhurst, IL

NIT Trichy

Bachelor's in Computer Science Engineering

Aug 2018 – May 2022

Trichy, Tamil Nadu

Experience

Epsilon

Associate Software Engineer

Aug 2022 – July 2023

- Built data pipelines and dashboards using Azure Data Factory, Databricks, Power BI, and Azure SQL.
- Automated reporting with Shell scripts, cutting manual work by 90%.
- Optimized Power BI dashboards, reducing refresh time by 60%.
- Collaborated with engineering and business teams to ensure data accuracy.
- Mentored juniors and applied DevOps practices, reducing deployment time by 20%.
- Prepared data for predictive analytics using PySpark in Azure.

NIT Trichy

Graduate Engineer Intern

May 2021 – July 2021

- Assisted in evaluating HCP cooling systems and thermal performance.
- Analyzed CPU temperatures and input patterns during processing.

Environ

Software Intern

May 2019 – June 2019

- Built bibliographic data storage system using SQL-based modeling.
- Wrote design and requirement documents as part of SDLC.

Projects

Project Name 1 | React.js, Angular, Vue.js, Django, Flask, Ruby on Rails

- Led the development of a microservices-based e-commerce platform using Node.js, resulting in a 40% increase in daily transactions within the first quarter.
- Designed and deployed a scalable RESTful API using Django and Django REST Framework, achieving a 30% improvement in data retrieval speed.
- Implemented a real-time chat feature using WebSocket and Socket.io, enhancing user engagement and reducing response time by 20%.

Project Name 2 | Spring Boot, Express.js, TensorFlow, PyTorch, jQuery, Bootstrap

- Developed a data visualization dashboard using D3.js, providing stakeholders with real-time insights and improving decision-making processes.
- Built a CI/CD pipeline using Jenkins and Docker, reducing deployment time by 40% and ensuring consistent and reliable releases.

Project Name 3 | Python, Flask, Jinja2, Firebase, Bootstrap

- Contributed to an open-source project on GitHub, collaborating with a global community and achieving 500+ stars and 50 forks.
- Implemented automated testing for a critical module using Selenium, reducing regression bugs by 30% and ensuring a more stable release cycle.

Technical Skills

Languages: Rust, Kotlin, Swift, Go, Scala, TypeScript, R, Perl, Haskell, Groovy, Julia, Dart

Technologies: React.js, Angular, Vue.js, Django, Flask, Ruby on Rails, Spring Boot, Express.js, TensorFlow, PyTorch, jQuery, Bootstrap, Laravel, Flask, ASP.NET, Node.js, Electron, Android SDK, iOS SDK, Symfony

Concepts: Compiler, Operating System, Virtual Memory, Cache Memory, Encryption, Decryption, Artificial Intelligence, Machine Learning, Neural Networks, API, Database Normalization, Agile Methodology, Cloud Computing