Naveen Kumar

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LinkedIn   Github

Education

- **University of Tartu** — Tartu, Estonia
  Masters of Computer Science — *Aug 2024 - Present*

- **Kongu Engineering College** — Tamil Nadu, India
  Bachelor of Engineering - Computer Science — *Jul 2016 - Jun 2020*

Skills Summary

- **Languages**: Python, PHP, JavaScript, SQL
- **Frameworks**: Django, Laravel, React, Node.js
- **Tools**: GIT, PostgreSQL, MySQL, MongoDB
- **Platforms**: Linux, Web, Windows
- **Soft Skills**: Leadership, Event Management, Writing, Time Management

Experience

- **Pickyourtrail**
  Back-end Developer (Full-Time) — *Jul 2021 - Aug 2024*
  - **Plato - CRM Tool**: Developed features like Sales Roster to track daily activities and customer interaction, ensuring continuity. Managed integrations with internal CRM tools and payment gateways (Razor Pay, Payu).
  - **NEO App - CRM Tool**: Developed backend APIs for Mobile Applications handling lead management, customer tracking, and performance metrics.

- **Mobile Tutor Pvt**
  Full Stack Developer (Intern) — *Dec 2020 - Jun 2021*
  - **Library Management System**: Developed a complete library system for book tracking and user notifications.
  - **Automatic Report Generation**: Built an automated report generation and communication system.

- **Adash Business Analytic**
  Back-end Developer (Intern) — *Jan 2020 - Nov 2020*
  - **ERP System**: Developed an internal dyeing ERP system handling large-scale finance, report generation, and user attendance.

Projects

- **Grain Humidity Detection (Machine Learning)**: Worked on EDA, Feature Engineering, and implemented XGBoost, Random Forest, and Neural Networks to predict moisture levels.
- **Ticket Classification (Machine Learning)**: Created a ML model to classify the tickets based on the enquiry. Implemented preprocessing techniques and Supervised Learning Models
- **Audio Separator (Python)**: Created Python Program which separates Audio and Music from the song
- **Plato - CRM Tool**: Migrated legacy YII(1.0) framework to Laravel(8), optimized database for scalability, and developed key features for sales and lead management.
- **Dyeing ERP System**: Built a full-stack ERP system for dyeing enterprises, integrating finance, reporting, and material handling.

- **Fish Farm IoT System**: Developed a dashboard to monitor environmental parameters (pH, temperature) for fish farms and automated notifications for critical changes.

- **Library Management System**: Designed a book management system with automated notifications for overdue books.

- **Report Generation App**: Built a mobile app for downloading reports and alerting users on parameter deviations.

Publications

- **Prediction of Adverse Glycemic Events**: Used TensorFlow and Python to predict glucose fluctuations.

Honors and Awards

- **Best Developer Award**: Received for outstanding contributions in software development (Jan 2022).

Volunteer Experience

- **Community Lead - Developer Student Clubs KEC** — Tamil Nadu, India
  Organized and conducted technical and soft-skills training for over 150 students. — *Jan 2019 - Dec 2019*