

# Pradeeshkumar U

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## Career Objective

Aspiring Web and Software Engineer with hands on experience in building scalable web and mobile applications using React.js, Node.js, Express.js, Flutter, and Firebase, along with databases such as MongoDB, PostgreSQL, and Redis. Passionate about creating user focused products and continuously learning full stack development.

## Education

KPR Institute of Engineering and Technology	2023 - 2027
Bachelor of Computer Science and Engineering (Artificial Intelligence and Machine Learning)	8.6/10 CGPA

## Experience

Software Developer intern, Foretec Electric	Dec 2025 – Jan 2026
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- Implemented a **subscription management system** with secure **monthly recurring payments** and automated subscription lifecycle handling.
- Designed a scalable backend using **MongoDB** and enhanced the **Express.js** server with **JWT-based authentication** for secure user and subscription management.
- Enforced **single-device access per subscription** by detecting multiple account activations and validating device-level usage.

Mobile App Developer, OneKit Inc	Jul 2025 – Present
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- Building a **cross-platform ticket booking mobile application from scratch** using **Flutter**, implementing complete flows including ticket discovery, booking, and secure payment processing.
- Designing and integrating **Firebase Authentication, Firestore, and Cloud Functions** to manage users, handle real-time data updates, and support scalable backend logic.
- Demonstrating strong expertise in **Flutter** and **Firebase** by designing efficient **Firestore data schemas**, implementing backend workflows with **Cloud Functions**, and optimizing application performance and data consistency.

## Projects

HireAI	<a href="#">website</a>
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- Built an **end-to-end automated recruitment platform** using **agentic AI** to screen resumes, conduct quizzes, schedule and run online interviews, and automatically shortlist candidates.
- Designed scalable backend workflows using **Node.js, Express.js, PostgreSQL, and Redis**, integrating AI-driven decision pipelines for candidate evaluation.

IEEE 519 Limit Finder	<a href="#">play store</a>
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- Architected a **production-ready subscription platform** to manage recurring plans, user access control, and subscription state transitions.
- Designed optimized **MongoDB data models** for users, devices, and subscriptions, and exposed secure REST APIs using **Node.js** and **Express.js**.

Tamil FM Radio	<a href="#">play store</a>
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- Built and deployed a **Flutter-based mobile application** for real-time radio streaming with optimized audio playback.
- Achieved **15,000+ downloads**, demonstrating strong user adoption, performance optimization, and production readiness.

## Technologies

**Languages:** Java, Python, SQL, Dart, HTML, CSS    **Frameworks:** Flutter, React.js, Node.js, Express.js    **Databases:** MongoDB, PostgreSQL, Redis, Firebase    **Tools:** Git, GitHub, VS Code, IntelliJ IDE

## Extracurricular Activities

**National Cadet Corps:** Currently in Flight Cadet Rank

**IEEE Computational Intelligence Society (CIS):** Public Relations Officer

## Certificates

**ML specialisation** Coursera Machine Learning Certificate

**DL specialisation** Coursera Deep Learning Certificate

**Deep Learning IIT Ropar** NPTEL course