

# Karthikeyan K U

Computer Science Engineer | UI/UX Designer | Front-End Developer | Java & Python Enthusiast

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## CAREER OBJECTIVE

User-focused Computer Science student with a strong foundation in UI/UX design, front-end development, and object-oriented programming using Java and Python. Passionate about creating clean, intuitive digital experiences and building scalable, maintainable applications. Seeking opportunities to contribute to impactful products while continuously improving technical and design skills.

## EDUCATION

Year	Degree / Certificate	Institute	CGPA / Percentage
2025 – Present	B.E. Computer Science and Engineering	Prince Dr. K. Vasudevan College of Engineering	Pursuing
2024 – 2025	Class XII	Dr. Gurusamy Mudaliar T.T.V Higher Secondary School	84%
2022 – 2023	Class X	Dr. Gurusamy Mudaliar T.T.V Higher Secondary School	80%

## PROJECTS

### Personal UI/UX Design Projects

2025

#### Self-Learning

- Designed UI layouts and application prototypes for practice projects.
- Improved understanding of UX principles and visual hierarchy.
- Practiced responsive and user-friendly interface design techniques.

### Front-End Development Projects

2026

#### Self-Learning

- Developed projects including Mass Blood Bank, Front-End Web Capstone Project, HTML, CSS, and JavaScript practice applications.

### Java OOP Projects

2026

#### Self-Learning

- Built systems such as Student Management, Library Management, Payroll System, Inventory System, Bank Account Management, and Movie Ticket Booking System using Java OOP concepts.

### Java Swing Applications

2026

#### Self-Learning

- Created GUI applications including Quiz Application, Vehicle Rental System, Food Delivery System, and Bank Management System using Java Swing.

### Python Projects

2026

#### Self-Learning

- Developed projects including Dice Game, Password Checker, Student Record System, ATM System, Quiz App, and Notes Saver System.

## TECHNICAL SKILLS

- **Programming Languages:** Java, Python
- **Web Technologies:** HTML, CSS, JavaScript, Front-End Development
- **Design Tools:** Figma, UI/UX Design, Responsive Design
- **Core Concepts:** Object-Oriented Programming (OOP), Problem Solving
- **Tools & Platforms:** GitHub, VS Code

## CERTIFICATIONS

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- **Claude AI Developer Certifications – Anthropic**  
AI Fluency, Claude API, Claude Code 101, Amazon Bedrock, Google Vertex AI, Agent Skills, MCP Fundamentals, Subagents
- **Java Certifications**  
Infosys – Fundamentals of Java  
Scaler Topics – Java Fundamentals
- **Python Certification**  
Infosys – Python Fundamentals
- **Web Development Certifications**  
Scaler Topics – JavaScript Fundamentals  
freeCodeCamp – Responsive Web Design (V8)
- **Object-Oriented Programming**  
NPTEL – Fundamentals of OOP (Silver & Elite – 78%)
- **UI/UX & Cloud**  
Microsoft – Azure Storage Security Applied Skills  
Accenture – Digital Skills: User Experience
- **Additional Certifications**  
LPB02 – Automation with Arduino  
B10X – AI Tools & Workshop

## ACHIEVEMENTS

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- **Smart India Hackathon** – Top 50 at College Level
- **Academic Excellence** – Class 12 Third Rank
- **Subject Topper** – Mathematics, Physics, Chemistry, Tamil

## LANGUAGES

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- English
- Tamil
- Hindi

## INTERESTS

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- UI/UX Design
- Java Programming
- Web Development
- AI Tools