

# GOPIKA GOPAKUMAR

[gopikagopakumar0799@gmail.com](mailto:gopikagopakumar0799@gmail.com)

+91 8921416719

Trivandrum, Kerala India

<https://portfolio-nine-ecru-44.vercel.app/>

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## PROFESSIONAL PROFILE

Dynamic and motivated Software Developer with 2 years of professional experience in React.js and Material-UI. Skilled in designing scalable and responsive web applications, integrating REST APIs, and delivering user-centric solutions. Proven ability to adapt to challenges, meet tight deadlines, and collaborate with cross-functional teams. Passionate about leveraging innovative technologies to solve complex problems and enhance user experiences. Open to roles requiring visa sponsorship.

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## WORK EXPERIENCE

**Software Developer** ( July 2022 – July 2024)

**Xminds Infotech Pvt Ltd** - Trivandrum, India

- Developed responsive and user-friendly web applications using React.js and Material-UI, improving user engagement by 25%.
- Integrated REST APIs to ensure efficient data handling and enhance application functionality.
- Designed and implemented graph visualisation tools, reducing data analysis time by 30%.
- Collaborated with cross-functional teams to achieve project goals within tight deadlines.
- Successfully delivered high-quality solutions under high-pressure situations.

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## EDUCATION

**LBS Institute of Technology for Women** - Trivandrum, India

(2018 – 2022)

Bachelor of Technology : **Information Technology**

- Coursework: Python Programming, Data Structures, Object-Oriented Programming, Web Development, Database Management.
- Completed internships to enhance hands-on experience in computer hardware, IoT, and foundational web development.

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## SKILLS

- **Programming Languages** : JavaScript (ES6), Python, SQL, HTML5, CSS3
- **Frameworks & Libraries** : React.js, Material-UI, Node.js, Next.js, Express.js
- **Database Management** : PostgreSQL
- **Version Control** : Git, GitHub
- **Cloud & IoT** : AWS Cognito, Arduino, Firebase
- **Soft Skills** : Effective Communication, Team Collaboration, Time Management, Problem-Solving, Attention to Detail

## PROJECTS

**Datafree Portal** - React.js, Material-UI, REST APIs, AWS Cognito

- Built an interactive web application, streamlining data access for more than 500 users.

**Pixovo** - React.js, Material-UI

- Developed a user-friendly interface for enhanced user experience.

**Comeonda** - React.js, Material-UI, REST APIs

- Created a responsive web application optimising data functionality.

**Smart Irrigation System (Personal Project)** - Arduino, Digital Moisture Sensor

- Designed an IoT-based prototype improving water efficiency in irrigation systems.

**Diabetic Retinopathy Detection (Personal Project)** - Python, TensorFlow, Keras

- Compared two pre-built models to know which is accurate in detecting retinal abnormalities.
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## INTERNSHIPS & CERTIFICATIONS

**Internship: Computer Hardware and Networking**

**Institution: APJ Abdul Kalam Technology University**

- Completed a 50-hour internship gaining theoretical and practical knowledge of hardware components and networking.

**Internship: Hardware-Software Co-Design, Sensor Interfacing, IoT Deployment**

**Institution: Keltron**

- Gained practical experience in Python programming, sensor technology, and foundational web development.

**Certification: The Complete 2024 Web Development Bootcamp by Dr. Angela Yu**

- Topics Covered: Full-stack web development including HTML, CSS, JavaScript, React, Node.js, Express, and SQL.