PURUSHOTHAM E

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LeetCode: https://leetcode.com/u/Purushotham2628/

CAREER OBJECTIVE

Aspiring Information Science Student seeking to leverage a strong foundation in data structures, software development, and emerging technologies to contribute to innovative and impactful projects. Eager to join a forward-thinking organization where I can apply my analytical skills, programming knowledge, and passion for technology to support digital transformation and continuous improvement.

EDUCATION QUALIFICATION

- **Bachelor of Engineering – Information Science & Engineering**

  CMR Institute of Technology, AECS Layout, Bangalore

  8.09, 2026 [Pursuing]

- **12th standard – Science (PCMB)**

  Sahyadri PU College, Kolar

  92.8%,2022

- **10th standard**

  SBVN School, Srinivasapura, Kolar

  94.8%,2020

TECHNICAL SKILLS

Languages: Java, Python, C, JavaScript, Go

Web: HTML, CSS, Node.js, Express.js, React.js, Next.js

Databases: MongoDB, MySQL, SQLite

ML/AI: Basic knowledge of ML models using scikit-learn

Tools & IDEs: VS Code, Jupyter Notebook, Eclipse, Git, GitHub

Data Tools: Power BI, Excel, Tableau

DevOps Tools: Jenkins, Git Bash, Azure DevOps

PROJECTS

- **Salon Appointment Booking System**
  - Description: Developed a web application for managing salon appointments, customer data, and services. Included admin features to handle bookings and prevent overlaps using real-time validation. Implemented a responsive UI for clients to book appointments easily. Integrated Nodemailer to send email confirmations for bookings and updates. Enabled secure data storage and smooth service tracking using SQLite.
  - Tech Stack: HTML, CSS, JavaScript, Node.js, Express.js, SQLite, Nodemailer

- **Smart Queue Management System**
  - Description: Built a real-time queue management system using React.js for the frontend and Node.js with Express.js for the backend. Enabled users to generate tokens and track their queue position through a responsive web interface. Designed RESTful APIs to manage queue logic and streamline admin operations.
  - Tools used: React.js, Node.js, Express.js, JavaScript, HTML, CSS, MySQL

- **Air Quality Monitoring Dashboard**
  - Description: Developed a real-time dashboard to monitor Bengaluru's air quality and weather using the OpenWeatherMap API. Designed a responsive frontend with animated visualizations and a Node.js backend to serve live data trends and health-based suggestions.
  - Tools used: Node.js, Express.js, JavaScript, HTML, CSS, Chart.js

CO-CURRICULAR & EXTRA CURRICULAR ACTIVITIES

- **Patents & copy rights:** Contributed to a published patent titled "IoT-Driven Tamper-Evident Sealing and Monitoring System for Secure Package Delivery" filed under IP India, 2024.
- **Online Courses & Certification:**
  - Advance Java Basics- Udemy
  - Artificial Intelligence with Python (Intermediate Level)-Infosys
  - HTML and CSS Course- Coursera
  - Maturing DevOps practice in Enterprise-Infosys
  - DevOps- More than Just Dev & Ops-Infosys
  - C++ and Java Training Crash Course- Udemy
  - Python and Flask Framework-Udemy
  - JavaScript Practical Crash Course- Udemy
- **Sports**
  - Active Kabaddi player, also play Cricket, Chess, and Shuttle.

ACHIEVEMENTS

- Contributed to a published patent: *"IoT-Driven Tamper-Evident Sealing and Monitoring System for Secure Package Delivery"*, filed under IP India, 2024.
- Solved 100+ problems on LeetCode, demonstrating strong DSA skills using Java.
- Developed and deployed 3+ real-world software projects, including full-stack apps and an IoT-based air quality dashboard.
- Completed 8+ certifications in web development, DevOps, and AI, showcasing continuous learning.
- Represented Chikkaballapur Division in state-level kabaddi competition conducted by BGS Group of Institutions.

PERSONAL DETAILS

Date of Birth	: 16th September, 2004
Gender	: Male
Nationality	: Indian
Permanent Address	: Hodali Village, Srinivasapura Taluk, Kolar District, Karnataka, 563138
Linguistic Competency	: Kannada, Telugu, English, Hindi
Hobbies	: Playing video games, watching movies and series