Yashas R

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EDUCATION

- **Bennett University Engineering College** — Greater Noida, India
  Bachelor of Technology (B.Tech) - Computer Science | GPA: 8.59 — *sept 2022 - June 2026*
  Courses: *Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases*

SKILLS SUMMARY

- **Languages & Frameworks**: C++, JavaScript, Python; FastAPI, React.js, Next.js, Node.js, Express.js
- **Databases & Cloud**: MongoDB, Firebase, Google Cloud
- **DevOps & Tools**: Git, GitHub, Docker, CI/CD
- **Soft Skills**: Leadership, Event Planning, Content Writing, Public Speaking, Time Optimization

PROFESSIONAL EXPERIENCE

- **Metabees.org** — Remote
  Infrastructure Engineer — *Jan 2024 – Jan 2025*
  - **Cloud Infrastructure Support**: Assisted in deploying and managing Google Cloud resources (Compute Engine, GPU machines, Storage, VPC) to support AR/VR and AI applications, maintaining 99.9% uptime.
  - **Automation & Monitoring Setup**: Worked on infrastructure automation using Terraform and Ansible; contributed to setting up Prometheus and Grafana dashboards, reducing manual setup efforts and improving system visibility.
  - **Security & Resource Management**: Helped configure IAM roles, firewall rules, and backup procedures to enhance infrastructure security and reliability.

- **ObjectX Innovatech Pvt. Ltd.** — Remote
  React Developer (Intern) — *Jan 2025 - Present*
  - **Frontend Development**: Built ObjectX's web platform from scratch using React.js, delivering a fully mobile-friendly UI. Enhanced load times by 35% and improved responsiveness by 20%, boosting user interaction.
  - **3D AR/VR Application Development**: Currently developing and deploying interactive 3D AR/VR learning tools on Google Cloud XR-Immersive Stream, ensuring smooth streaming for immersive experiences.
  - **CI/CD Implementation**: Set up CI/CD workflows through GitHub, enabling regular weekly releases and maintaining 99.9% service availability while collaborating closely with the dev team to integrate Docker-based deployment.

PROJECTS

- **Multiple Disease Prediction System using Machine Learning (GitHub)**:
  - Developed ML models to predict **Heart Disease, Diabetes, Breast Cancer, and Lung Cancer**, achieving prediction accuracy between **85–92%** using algorithms like **Logistic Regression, SVM, CNN, and InceptionResNet**.
  - Built a responsive web app for real-time disease predictions using **React.js, Tailwind CSS, Node.js, Express.js, and MongoDB**, reducing patient diagnosis time by **75%**.
  - Designed the system to be scalable, allowing seamless addition of **3+ new disease models**, improving adaptability for future healthcare needs.

- **FastAPI E-commerce (GitHub)**:
  - Developed a full-stack e-commerce platform for technology products using **FastAPI**, **React.js**, and **MongoDB**, with secure **OAuth2** authentication and real-world shopping features.
  - Built a responsive frontend with **React.js**, **Tailwind CSS**, **React Query v4**, and **Redux Toolkit**, delivering modern UI/UX inspired by leading design platforms.
  - Designed scalable backend APIs and integrated Docker-based deployment for simplified local development and efficient data handling through the Motor driver and MongoDB.

DATA STRUCTURES & ALGORITHM PROFICIENCY

- **Proficiency**: Solved over 280 DSA problems, including 130+ on LeetCode and 150+ on GeeksforGeeks, maintaining an overall accuracy of 80%.
- **LeetCode Profile**: **YashasR**

HONORS AND AWARDS

- **SIH 2024**: Ranked 7th among 300+ teams by building an AI-powered e-commerce platform, improving recommendation speeds by 40%.
- **SIH 2023**: Placed 33rd out of 230+ teams, recognized for technical innovation.
- **ALGO Hackathon 2024**: Secured a Top 10 finish out of 250+ participants at Bennett University.
- **Sandbox Competition**: Won the startup challenge at Jaypee Institute of Technology Noida.

VOLUNTEER EXPERIENCE

- **Geeks For Geeks Club (Multimedia Co-Head & Event Organizer), Bennett University (2023–2024)**: Planned and managed tech workshops for 3,000+ students and hosted coding events (Code Date & Galactic Escape) that drew over 7,000 participants.