Arkojyoti Tewari

Aspiring Web Developer | CS student | Arduino Enthusiast

Personal details

👤 Arkojyoti Tewari

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🏠 BL 332, Salt Lake City 700091 Kolkata

📅 July 21, 2004

📍 Kolkata

⚧ Male

🚩 India

Skills (Acquired/Acquiring)

Skill	Level
C/CPP	●●●●○
Java	●●●●○
HTML/CSS	●●●●●
Bootstrap	●●●●○
JavaScript	●●●●○
Git/Github	●●●●○
Node JS	●●●○○
Express	●●●○○
Mongo DB	●●●○○

Career Objective

To become a successful professional in the field of emergent technology and to increase the name, fame and profitability iof my organization by dint of my honest and innovative approaches

Present Status

Undergoing B.Tech in Computer Science with specialization in Artificial Intelligence and Robotics at Vellore Institute of Technology, Chennai, India (Attending 5 th semester)

Achievements and Awards

Rank no 1   **Mar 2024**
Secured the prestigious **FIRST(1st) position** in the branch of Btech in Computer Science with spl in AI and Robotics for the academic year 2023-24 at Vellore Institute of Technology, Chennai, India

Participation in Smart India Hackathon   **Sep 2023**
Certified as the participant in SIH 2023 version at inter college level

Proteas and EMU 8086 Certificate   **Sep 2023**
Certified in Proteas and EMU 8086 by Vellore Institute Of Technology, Chennai, India

Projects

Autonomous Systems
- **Gesture Controlled Car**: Designed and developed a robust gesture-controlled car that recognizes hand gestures and adjusted direction accordingly.
- Technologies: Python, Arduino IDE, C++, MPU 6050 module codes
- Keywords: Autonomous Vehicles, Gesture Recognition, Computer Vision

Gaming and Simulation
- **External Game Controller**: Built a realistic game controller that enhanced gaming experiences.
- Technologies: Arduino IDE, C++, Python, Java
- Keywords: Gaming, Simulation, Human-Computer Interaction

Artificial Intelligence and Machine Learning
- **Personal AI Assistant**: Integrated various APIs to create a conversational AI assistant
- Technologies: Python, ChatGPT 3.0 API, Java, Google API, Speechify text-to-voice API
- Keywords: AI, Machine Learning, Natural Language Processing, Chatbots

Web Development
- **ZOMATO Landing Page Clone**: Successfully cloned ZOMATO's landing page using advanced front-end development techniques.
- Technologies: HTML, CSS
- Keywords: Front-end Development, Web Development, UI/UX
- **To-do List Website**: Built an interactive user friendly to-do list website
- Technologies: HTML, CSS, JavaScript, Bootstrap, Google Storage

- Keywords: Web Development, Front-end Development, Task Management
- **Online Shopping Application**: Developed an online shopping application for phones and laptops
- Technologies: HTML, CSS, JavaScript, Gmail API, Mail routing APIs
- Keywords: E-commerce, Web Development, Online Shopping
- **Book My Show Clone**: Developed a movie booking platform inspired by Book My Show with interactive features for browsing and booking movies.
- Technologies: React.js, React Slick, CSS, JavaScript
- Keywords: Frontend Development, Responsive Design, Carousel Integration, UI/UX Optimization

Backend Software Development

- **Library Management System**: Built an interactive library management system to maintain decorum between library and the users
- Technologies: MongoDB, JavaScript, Express, Node.js
- Keywords: Backend Development, Database Management, Library Management

Certifications

Certified in Full Stack Web Development via Devtown   **Sep 2024**

Concepts Covered: HTML, CSS, Git, JavaScript, React JS, Node JS, Mongo DB, Tailwind CSS, Express, Bootstrap.

Internships

Solutions Architecture Intern(AWS Virtual Experience Program)   **Oct 2024 - Nov 2024**

Forage(in collaboration with Amazon Web Services), Virtual mode

- Designed and implemented scalable hosting architectures as part of AWS job simulation tasks.
- Gained experience in cloud-based infrastructure and deployment solutions.
- Focused on optimizing architectures for scalability and performance.

Academics

Class 10th Board CBSE   **Mar 2022**

Bhavans Gangabux Kanoria Vidyamandir, Kolkata

Secured a percentage of **96.2**

Class 12th Board CBSE   **Jun 2022**

Bhavans Gangabux Kanoria Vidyamandir, Kolkata

Secured a percentage of **92.6**

Btech in Computer Science with spl in AI and Robotics   **Sep 2022 - Present**

VIT, Chennai

Maintaining a CGPA of **9.6** till the current academic year