Pariansh Mahajan

+91 7876768113 | parianshm@gmail.com | www.linkedin.com/in/pariansh-mahajan-3943b625b/ |
github.com/ParianshMahajan

EDUCATION

Thapar Institute Of Engineering And Technology   Patiala, India
Bachelor of Engineering in Computer Science   *Sept. 2022 – August 2026*
CGPA:9.62

EXPERIENCE

Creative Computing Society - Joint Secretary   Dec.2022 – Present
Thapar Institute Of Engineering And Technology   *Patiala*
- Organized some of the major technical events including Hackathons, Ideathons, Cryptic hunts and many more.
- Contributed to major web projects of the society, supporting up to 8000 live users, including 2 University projects
- Guided numerous students by taking a 1.5 hours long workshop on Backend along with my teammates.
- Mentored students at HackTU 5.0, the university's largest hackathon with over 4000 attendees.

Thapar Food Festival - Core Member   Sep. 2023 – Nov. 2023
Thapar Institute Of Engineering And Technology   *Patiala, India*
- Played a pivotal role in the development of the official website for TFF'23, the esteemed annual Food Festival of the University. thaparfoodfestival.in
- Additionally, spearheaded the planning, hosting, and organization of various mini-events within the festival.

Saturnalia - Core Member   Sep. 2023 – Nov. 2023
Thapar Institute Of Engineering And Technology   *Patiala, India*
- Contributed to the official website for Saturnalia'23, the prestigious Annual Techno Cultural Festival of TIET.
- Crafted and curated the questionnaire for the Inter-College Competitive Programming Contest.
- Mentored students in the another hackathon of the university Hack4Sustainability, with over 2500 attendees.

PROJECTS

HOSMAS (Hostel Management System) | *NextJs, Django, ThreeJs*   hosmas.ccstiet.com/
- Contributed to HOSMAS, a multifunctional app for managing student hostels using NextJs, and Django.
- Implemented sub-apps like hostel allocation, laundry, mess, and cleaning management to streamline hostels.
- Developed a multi-role web app with robust security, accommodating 10,000 live users, issued by the college dean.

Society Permissions | *NextJs, Django*   society-permissions.thapar.edu/
- Contributed in a full-stack web application using Django, serving a REST API, and Next.js for the frontend.
- The platform manages the permissions required by uni's societies and clubs, accommodating 3000 live users.
- Contributed to frontend development and integration using Next.js, ensuring smooth user experiences.

SiteSync | *MERN, VM, Docker, Jenkins, Bash Scripting*   Github Link
- Developed a web app for automatic site deployment, configured in the user's VM, featuring auto DNS assignment.
- Grants users full file configuration rights, unlike Netlify or Vercel, by deploying on personal VMs.
- Seamlessly integrated frontend and backend technologies to provide streamlined deployment experience for users.

Year Round Recruitment Portal | *MERN*
- Led the development of a full-stack web application using NodeJs for the REST API and React for the frontend.
- Crafted a multi-user platform for the Creative Computing Society, managing recruitment with 350 student traffic.
- Contributed to the whole backend and designed the admin interface on the frontend.

Raptus | *MERN,Docker,R3F*   raptus.ccstiet.com/
- Contributed in a full-stack web app, "3D-Cryptic Hunt," using Node.js for REST API and ReactJs for frontend.
- Pioneered a new immersive portal with exceptional user experience, accomodating 1000 live users.
- Contributed to Node.js backend and integrated Blender models into frontend with React-three-fiber.

TECHNICAL SKILLS

Languages :   Python, C/C++, JavaScript, TypeScript, Go, HTML/CSS, SQL
Frameworks / Libraries : Node.js, Next.js, React.js, Express.js, Three.js, R3F, Socket.io ,SpringBoot
Database :   MongoDB, PostgreSql, Kafka, Redis
Developer Tools :   Git/GitHub, NPM, VS Code, Vagrant, Linux, Docker, Kubernetes, Nginx