Gaurav Mangal

LinkedIn: https://www.linkedin.com/in/gaurav-mangal-0141981a8/
GitHub: https://github.com/gaurav1021

Email: gauravmangal389@gmail.com
Mobile: +91-8929477498

EDUCATION

- **Bharati Vidyapeeths College of Engineering** — New Delhi, India
  Bachelor of Technology - Computer Science and Engineering; CGPA: **9.0** — *August 2020 - June 2024*

- **Rajikya Pratibha Vikas Vidhyalaya** — New Delhi, India
  *Class 12th - CBSE Board; CGPA:***9.55** — *June 2018 - July 2019*

SKILLS SUMMARY

- **Languages:** **Java**, C, C++, JavaScript, HTML/CSS, SQL
- **Frameworks and Libraries:** React.js, Node.js, MongoDB, Express.js, Bootstrap, jQuery, NPM
- **Coursework: Data Structures and Algorithm**, OOPS, DBMS, Operating System, Computer Network

EXPERIENCE

- **Bittech Today**
  Software Developer Intern — *August 2023 - September 2023*
  - Spearheaded the creation of web pages using React.js, resulting in a **30%** increase in average user engagement metrics
  - Collaborated with design and content teams to integrate information, contributing to a **20%** enhancement in page views
  - Conducted comprehensive testing, identifying and rectifying potential issues, achieving a **95%** bug-free deployment rate
  - Actively contributed innovative ideas in team meetings, fostering a culture of continuous improvement and ideation

- **Infixin Technologies Private Limited**
  Software Developer Intern — *July 2022 - August 2022*
  - Developed optimized responsive web pages using JavaScript and jQuery, driving a **25%** increase in user engagement
  - Designed and implemented RESTful APIs with the MERN stack, resulting in a **40%** reduction in server response time
  - Conducted testing and resolution of **20+** bugs, leading to a **20%** improvement in application stability
  - Collaborated in a cross-functional team, delivering **4** critical projects on time and within budget

PROJECTS

- **Sorting Visualizer (Advanced DSA, JavaScript, HTML, CSS)**
  - An interactive web application enabling real-time visualization of **5** sorting algorithms, enhancing user understanding
  - Leveraged JavaScript to create an intuitive user interface, enabling users to initiate and observe sorting algorithms
  - Integrated sections providing detailed insights into algorithm, fostering a deeper comprehension of their mechanics
  - Employed modern development practices, achieving a **30%** increase in code efficiency adhering to best coding standards
  - Project Link- https://gaurav1021.github.io/sorting-visualizer/

- **Enoy (React, Pusher, NextAuth, Cloudinary CDN)**
  - Architected real-time messaging web application to ensure seamless messaging and optimise message latency
  - Developed a sleek and responsive UI that resulted in substantial improvements in user engagement and retention
  - Implemented secure credential authentication, integrating Google and Github authentication to streamline login process
  - Achieved file uploads with **20%** reduced transfer time, ensuring precise data submissions through client-side validation
  - Project Link- https://messenger-ebon.vercel.app/

- **Vyayam (React, Tailwind CSS, Rapid-API)**
  - Directed full-cycle development of a scalable workout guide and planner application, overseeing all aspects of the project
  - Optimized performance, resulting in a **20%** improvement in rendering speed for a database of **3,000+** exercises
  - Implemented centralized state management for efficient data sharing and reduced code complexity for **20+** components
  - Successfully implemented dynamic search functionality, resulting in **60%** increase in search accuracy
  - Project Link- https://vyayam.netlify.app/

POSITION OF RESPONSIBILITY

- Technical Head, BVPCSI (July 2022 – Present)
- Vice Technical Head, EDUMINERVA (July 2022 – Present)

ACTIVITIES AND AWARDS

- Ranked **1st** in the College Coding Competition, showcasing superior problem-solving and coding skills
- National-level Finalist in Toycathon, a national-level competition focused on creating innovative solutions
- Won zonal-level debating competitions, demonstrating superior public speaking prowess and adept critical thinking
- Active participant in Entrepreneurship Development Cell, showcasing strong leadership and teamwork abilities
- Ranked in the top **7%** of JEE Mains 2020, demonstrating strong academic aptitude