Shyam Kumar Gupta

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EDUCATION

ABES Institute of Technology, Ghaziabad   *2021 — 2025*
BTECH (CSE), CGPA: 7.2

Hallmark World School   *2019 — 2021*
Senior Secondary, Percentage: 82%

EXPERIENCE

Software Developer Intern   *Feb 2025 — Present*
U4RAD Technologies, Gurgaon

- **Payment.reporting.in** | *Python, Django, HTML5, CSS3, JavaScript, RESTful APIs*
  Developed and optimized a scalable payment platform using full-stack development practices with Django and JavaScript. Implemented payment schema calculations and automated invoice generation, enhancing transaction accuracy by 25% and improving system performance through code optimization.
- **ReportingBot** | *React.js, HTML5, CSS3, JavaScript, Django, Amazon S3, API Integration*
  Built and optimized a responsive ECG reporting application by converting React-based architecture to HTML/CSS/JS template. Reduced operational costs by 40% while maintaining scalable application performance. Implemented cross-functional collaboration with medical teams and enhanced backend data operations.
- **CampCalculation System** | *React.js, Django, PostgreSQL, RESTful APIs, Agile Methodology*
  Architected a comprehensive medical camp management platform using full-stack development and agile methodology. Developed role-based dashboards, QR tracking modules, and automated invoice systems. Improved data accuracy by 60% and reduced manual processes through performance optimization.

Data Analyst Visualization Intern   *July 2024 — Aug 2024*
ANUDIP FOUNDATION, Ghaziabad

- Boosted data-driven decision-making by developing scalable dashboards in Power BI and optimizing metrics visualization by 25%.
- Utilized Python, SQL, and Excel for insights generation, achieving a 30% improvement in KPI analysis.

PROJECTS

- **LoqoTrip Planner** | *React.js, Gemini AI, Firebase, TailwindCSS, API Integration, Full-Stack Development* GitHub
  Architected a scalable full-stack AI-powered travel planning application using React.js, Firebase, and Tailwind-CSS. Implemented RESTful API integration with Gemini AI for personalized travel recommendations. Optimized application performance and built responsive design with cross-functional user experience considerations.
- **Food Recipe App** | *React.js, Axios, RESTful APIs, TailwindCSS, Responsive Design* GitHub
  Developed a responsive recipe discovery web application using React.js and modern frontend technologies. Implemented efficient API integration using Axios for real-time data fetching and optimized search functionality. Built scalable component architecture with performance optimization and unit testing considerations.
- **SMS E-commerce Website** | *HTML5, CSS3, JavaScript, Responsive Design, Performance Optimization* GitHub
  Built a comprehensive e-commerce platform using vanilla JavaScript and modern web technologies. Implemented responsive design patterns and optimized application performance for scalable user interactions. Developed dynamic content rendering with focus on cross-browser compatibility and user experience optimization.

SKILLS

Programming Languages: JavaScript, Python, Java, HTML5, CSS3
Frontend Technologies: React.js, TailwindCSS, HTML, CSS, JavaScript
Backend Technologies: Django, Node.js, Express.js, RESTful APIs
Databases: PostgreSQL, MySQL, MongoDB, SQL
Cloud & Tools: AWS, Firebase, Git, GitHub, Power BI, VS Code
Development: Full-Stack Development, Responsive Design, API Integration

INTERNSHIPS & CERTIFICATIONS

- **AWS Solutions Architecture** — Amazon Web Services View Certificate
- **Software Engineering** — Hewlett Packard Enterprise View Certificate
- **Web Technology** — Softpro India Computer Technologies Ltd.
- **Data Analyst Visualization Intern** — ANUDIP FOUNDATION