

Shubhanshu Dev Puri

Full Stack Developer | MERN & MEAN Stack | AWS & GCP | IoT & Mobile Apps

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PROFESSIONAL SUMMARY

Full Stack Developer with 2+ years of hands-on experience building scalable web and mobile applications in e-commerce and IoT. Proficient in React.js, Next.js, Node.js, TypeScript, and cloud platforms like AWS and GCP. Demonstrated ability to lead technical teams, mentor interns, and deliver secure, high-performance software. IBM-certified in cybersecurity and driven to solve real-world problems through clean code and agile collaboration.

Work Authorization: F-1 OPT (STEM Extension Eligible) | Authorized to work in the U.S. without sponsorship until July 2028.

SKILLS & INTERESTS

Frontend: React.js, Next.js, Redux, Tailwind CSS, Bootstrap, HTML, CSS, React, Angular, UI/UX

Backend: Node.js, Express.js, RESTful APIs, MQTT

Mobile: React Native, Ionic, Android Studio, App Store Connect, iOS and Android Deployment

Cloud & DevOps: AWS (EC2, S3, IoT Core), Firebase, Google Cloud Platform, Continuous integration / Continuous Delivery, Docker

Databases: MongoDB, MySQL, Firebase Realtime, Oracle, Dynamo, PostgreSQL

Tech. Languages: JavaScript(ES6+), TypeScript, Python, C++, Java

Tools & Platforms: Git, GitHub, Postman, Vercel, Firebase Auth, Tartabit, Elasticsearch, NPM, Yarn

Development Practices: SDLC, Unit Testing (Jest), Agile(Scrum), Code Reviews, Technical Mentorship, Intern Training

Soft Skills: Strong Problem-Solving, Effective Communication, Cross-functional collaboration

EXPERIENCE

Full Stack Developer: Biz4group LLC, Orlando, FL (Remote) (Dec 2021 - Jun 2023)

- Developed 8+ applications, reducing development time by 30% and enhancing tech stack versatility and client satisfaction.
- Adopted Next.js, AWS, and Google Cloud for innovative IoT solutions, boosting project efficiency by 28%.
- Mentored 10+ interns, improving code quality by 35% and boosting team productivity.
- Delivered SEO services to 4+ clients, improving web application visibility and engagement by 40%.

Freelance Web & Mobile Developer | Cybersecurity Content Writer: Self-employed (Remote) (Jun 2021 - Nov 2021)

- Built portfolio websites for clients using HTML, CSS, and React while writing cybersecurity focused technical articles.
- Learned mobile app development and deployment using Ionic, React Native, Gradle, and Android Studio.

Software Engineer Intern: Memorres Digital Private Limited, India (Jan 2021 - Jun 2021)

- Collaborated on React Native and Firebase projects, enhancing code security and design patterns.
- Implemented Redux for centralized state management, significantly enhancing application performance, scalability, and maintainability.
- Optimized development processes, achieving measurable improvements in project delivery timeline.
- Proposed and implemented new technologies, positioning the organization at the forefront of software engineering trends and methodologies.

PROJECTS

Tank Management IOT Application: Available on: [App Store](#) | [Play Store](#) | [Website](#)

- Developed a serverless IoT solution using Angular, Ionic, GCP, and Firebase for real-time visualization and storage of sensor data.
- Integrated Tartabit IoT Bridge and MQTT for efficient data transmission.
- GCP Cloud Functions power backend services for a smooth serverless architecture..

Boat Service Management Application: Available on: [App Store](#) | [Play Store](#) | [Website](#)

- Developed a cross-platform mobile app using React with Ionic for managing mechanical service records of boats and yachts.
- Created back-end services using Node.js, Express, and MongoDB.
- Deployed a marketing-focused blogging web app with Next.js, AWS Amplify, S3, and Lambda.
- Implemented custom algorithms in TypeScript for automated service scheduling.
- Developed an admin portal with ReactJS to manage user data, boat types, and engine specifications.

Printing E-commerce Web Application: Available on: [Website](#)

- Built a dynamic single-page printing platform using React.js, Node.js, and MySQL for custom banner and card orders.
- Integrated PayPal, FedEx API, and MailChimp for payments, delivery tracking, and marketing.
- Deployed on AWS using EC2, S3, and Lambda functions with an admin panel for managing products and pricing.

VOLUNTEER EXPERIENCE

Board Member - Student Organization Funding Association: University of Illinois at Springfield, IL (Aug 2024 - May 2025)

- Managed finances and evaluated event fund requests from student organizations for events strictly based on established bylaws.

Coordinator Gaming Club: JK Lakshmipat University, India (Jul 2018 - May 2020)

- Managed the operations of the gaming club and hosted events where students showcased their gaming talents in various games.

CERTIFICATIONS AND AWARDS

- IBM Certified cybersecurity instructor.
- IBM Security Intelligence Engineer 2018 - Mastery Award.
- Standout Performer trophy, 3x Employee of the Month - Biz4Group LLC.

EDUCATION

Master of Science in Computer Science: University of Illinois at Springfield, IL (May 2025)

Bachelor of Technology and Computer Science: JK Lakshmipat University, India (Jun 2021)