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PROFESSIONAL SUMMARY:

**Full-Stack Developer** with over **3 years of professional** industry experience building and delivering high-performance web applications. Proficient in modern JavaScript frameworks (**React.js, Node.js, Angular**) and backend technologies, including database management (**MongoDB, MSSQL**) and **microservices architecture**. Proven track record of **optimizing system performance**, enhancing user experience, and collaborating with cross-functional teams to deliver scalable, secure solutions. Adept in CI/CD pipelines and **cloud-based deployments**, driving efficiency and product reliability.

TECHNICAL SKILLS:

Category	Skills
Frontend Development	JavaScript (ES6+), TypeScript, HTML5, CSS3, PHP, React.js, Vue.js, Angular, Redux, Next.js, Nest.js
Backend Development	Node.js, Express.js, Python, Java, C#, RESTful APIs, GraphQL, Microservices, Prisma
Database Management	MongoDB, MySQL, MSSQL, PostgreSQL, Redis
DevOps and Tools	Docker, GitLab CI/CD, CircleCI, Git, Jira, Postman, Ansible

PROFESSIONAL EXPERIENCE:

Full Stack Developer  
Bridger Insurance Services

August 2023 – Present  
Pleasanton, CA

- Full-Stack Dashboard Development:** Developed interactive dashboards using **Next.js** and **Angular**, improving data visualization and increasing user engagement by 25%. Integrated with backend services and optimized dashboard load times, reducing latency by 20%.
- Backend System Development:** Built and maintained a robust backend using **Node.js, TypeScript**, and **Express.js**, which supported critical business platforms like Drivepoints and Bridger Mobile. Achieved a 15% reduction in server response times by implementing optimized query strategies.
- Microservices and API Architecture:** Designed scalable **microservices** and engineered API gateways using **Node.js** and **TypeScript**, resulting in a 30% improvement in inter-service communication. This enhanced system resilience and decreased downtime by 10%.
- Comprehensive Testing and Code Quality:** Led testing efforts with **Jest**, increasing code coverage to 90% and reducing production issues by 25%. Adhered to clean code principles, ensuring maintainable and secure code.
- Database Management and Caching:** Managed data across **MSSQL, MySQL, Redis**, and **MongoDB**, including database migrations and performance optimizations. Used **Redis** for caching, improving API response times by 40%.
- Cross-Functional Collaboration and Security:** Collaborated with front-end, DevOps, and security teams to deliver full-stack features. Implemented secure **OAuth2** token-based authentication, increasing application security and compliance with industry standards.

**Graduate Research Assistant**  
**Old Dominion University**

Jan 2021 – Dec 2022  
Norfolk, VA

- **UI/UX Application Development:** Developed 3+ responsive applications using **ReactJS**, **Vue.js**, and **Redux**, driving a 20% increase in user satisfaction and enhancing business growth for clients in healthcare and government sectors.
- **CI/CD Automation:** Automated deployment pipelines using **GitLab CI/CD** and **CircleCI**, leading to a 50% reduction in deployment time across 5+ environments, improving build reliability, and minimizing manual errors.
- **Containerization and Virtualization:** Virtualized development environments using **Docker**, streamlining testing and deployment processes. Reduced server setup times by 25% through container automation.
- **Backend API and Frontend Development:** Designed and administered backend APIs using **GraphQL** and **REST**, while also building responsive UI pages with **ReactJS** and **Next.js**, improving application performance by 20%.
- **Issue Resolution:** Identified and resolved over 50 technical issues during development and testing phases, increasing overall project stability and delivery speed.

**Software Developer and Research Intern**  
**Old Dominion University**

July 2019 – August 2023  
Norfolk, VA

- **Real-time Data Processing:** Developed a system for detecting aggression in Alzheimer's patients by processing real-time streaming data from smartwatches and web cameras. Improved prediction accuracy to 86.5% by implementing **PCA** for dimensionality reduction and ML algorithms.
- **Team Leadership:** Led a team of 5 to create an automated GitHub management portal using **Angular 9**, **Node.js**, **Express.js**, and **MySQL**. The portal streamlined tasks like committing, pushing, and merging, reducing manual workload by 30%.
- **Data Analysis:** Analyzed real-time biometric data such as facial expressions, speech tone, heart rate, and hand movements, setting threshold values to identify aggressive behaviors with 85% accuracy.
- **Web Development:** Delivered a user-friendly web interface for monitoring patient data, increasing caregivers' efficiency by 15% in detecting abnormal behaviors.

**EDUCATIONAL QUALIFICATION:**

**Master of Science (MS) - Computer Science**  
**Old Dominion University**  
**GPA: 3.75/4.0**

January 2021 - December 2022  
Norfolk, VA

**Relevant coursework:** Web Science, Computer Architecture, Database Concepts, Data Structures and Algorithm

**Bachelor of Engineering (BE) - Information Science**  
**Visvesvaraya Technological University**  
**CGPA: 7.58/10.0**

July 2016 - August 2020  
Bangalore, KA, India

**Relevant coursework:** Software Design Patterns, Computer Networks, Advanced Java and J2EE, Operating Systems, Software Testing

**AWARDS AND ACHIEVEMENTS:**

- Conducted **Blockchain Workshop** from the department of Information Science to introduce **private and public blockchain** November 2018
- **Appreciated by Supervisor and Team Lead** for efficient backend development, optimizing performance and ensuring scalability in critical projects (2024).