Gagan Deep Singh

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A dynamic full stack developer with growing years of progressive experience in building impactful full-stack application design, and intuitive UI/UX experiences. Passionate about staying ahead of the curve by exploring emerging technologies and frameworks while integrating creativity into tech. Skilled in delivering robust and scalable applications that drive business growth and enhance user experiences. Beyond coding, I channel my creativity into photography, music, and DIY tools.

WORK EXPERIENCE

AMERIPRISE FINANCIAL LLC   Sep 2022 – Present
Software Engineer   *Minneapolis, MN*
- Working as Full Stack Developer and DevOps Engineer (US Permanent Resident)
- Designed and implemented scalable Java-based APIs and React.js UIs, driving cloud application integration
- Automated CI/CD pipelines using Jenkins and Terraform, reducing deployment time by 25%.
- Enhanced application scalability and maintainability by leveraging microservices architecture, resulting in a 30% increase in system performance.
- Developed and maintained enterprise applications using Spring Boot, React.js, and AWS services to support business
- Spearheaded POCs for emerging technologies, achieving a 40% reduction in API latency and improving user satisfaction.
- Recognized with 20+ Gold Ammy Awards and 2 Chairman Awards for delivering innovative and impactful solutions.

DHILLON LEGAL & QUEST MIGRATION   Nov 2021 – Aug 2022
Application Developer   *Melbourne, Australia*
- Overhauled digital presence and developed custom CMS and CRM platforms using Laravel 8, Next.js, and AWS.
- Engineered RESTful APIs and refactored codebases for scalability and maintainability.
- Implemented advanced security measures, such as OAuth 2.0 and role-based access controls, to secure user data and systems.
- Enhanced server performance by optimizing database queries and server configurations.
- Collaborated with designers and business stakeholders to ensure alignment of technical solutions with business objectives.
- **Achievement**: Collaborated with agile teams to enhance analytics, reliability, and performance across web platforms.
- **Achievement**: Delivered a redesigned platform aligning with modern web standards, improving operational efficiency.

ARTON GIFTWARE PTY LTD & DEKECH PTY LTD   Sep 2020 – Nov 2021
Full Stack Web Application Developer   *Melbourne, Australia*
- Developed scalable web applications using MERN stack, emphasizing security and performance.
- Designed and optimized e-commerce platforms with robust backend APIs and responsive UIs.
- Integrated payment gateways and real-time order tracking systems to improve user experience.
- Managed web servers and implemented SEO strategies to enhance online visibility.
- **Achievement**: Spearheaded the migration of legacy systems to modern web technologies, improving maintainability.

BROWN AND GREENS   Jan 2020 – Aug 2020
Web Application Developer   *Melbourne, Australia*
- Built and maintained an e-commerce platform with inventory management and responsive design.
- Developed reusable UI components and optimized backend systems for high performance.
- Collaborated with cross-functional teams to design dynamic dashboards and reporting tools.
- **Achievement**: Led continuous improvements through strategic feedback and analytics integration.

EDUCATION

University of St Thomas   **Dec 2024**
Master's in software engineering   *Minnesota, USA*
- Pursuing advanced coursework in application development, cloud computing, and software design.
- Participated in AWS Cloud Architect and Foundations training to enhance scalable infrastructure expertise.
- Key skills include full-stack development and AWS-certified cloud development practices.

Federation University, Australia   **September 2022**
Bachelor of Information Technology   *Melbourne, Australia*
- Graduated with honors; received the Best Project Award for final semester university client project.
- Focused on cloud software development, IT business integration, and full-stack programming.
- Key skills include Docker, PHP, JavaScript, MySQL, and Jenkins.

La Trobe University, Australia   **Nov 2019 - April 2021**
Bachelor of Information Technology (Extra Credits)   *Melbourne, Australia*
- Completed courses in software development, cyber security, and web application design.
- Gained hands-on experience in programming languages including Java, C++, and Python.
- Cleared CCNA exam parallel to coursework, showcasing expertise in networking and infrastructure.

SKILLS

- **Programming Languages:** Java, Python (Django, Tesseract, OpenCV), JavaScript, TypeScript, PHP8, C, C++, SQL, HTML5, CSS3
- **Frameworks & Libraries:** React.js, Angular.js, Node.js, NestJS, Next.js, Laravel 11, Spring Boot (MVC, Cloud, Security, Microservices), GraphQL, Django REST Framework, jQuery, Babel, Sass, Bootstrap, Tailwind CSS
- **DevOps & Tools:** Docker, Kubernetes, Jenkins, Ansible, Terraform, AWS (Lambda, CDK), Google Cloud Platform (GCP), Firebase, Nginx, Apache, Git, CircleCI, VMware, Bash/Shell Scripting, CI/CD Pipelines, Jira, Swagger, phpMyAdmin
- **Databases:** MySQL, MongoDB, PostgreSQL, SQLite, Oracle DB
- **Content Management Systems (CMS) & Customer Relationship Management (CRM):** Drupal, WordPress, WIX, Custom CMS/CRM Development
- **Software Development Practices:** Agile Methodologies, Test-Driven Development (TDD), Object-Oriented Programming (OOP), Continuous Integration/Continuous Deployment (CI/CD), Version Control (Git)
- **Cloud Services:** Amazon Web Services (AWS), Google Cloud Platform (GCP), IBM Cloud
- **Networking & Security:** Certified Ethical Hacker (CEH), Cisco Certified Network Associate (CCNA), Cybersecurity, F5 Firewall, Windows/Linux/OSX Troubleshooting
- **Additional Tools & Knowledge:** Search Engine Optimization (SEO), Autodesk & Adobe Tools, Visual Studio Code, IntelliJ, Eclipse, MS Office Suite, G-Suite, Web Architecture, Project Management, Internet of Things (IoT)
- **Certifications:** CCNA, ICSI, Advanced PHP, JavaScript (React.js, Node.js), CSS, SQL, Python, Git, Six Sigma White Belt, Google Digital Marketing, Cisco Cybersecurity (Cybrary-PwC), Google IT Support

PROJECTS

GLINCKER: Social Community Platform **glincker.com** and **hub.glincker.com**
WEBANDESIGNS: Designed and launched a UI/UX solutions site, **webandesigns.com** and **glinui.com**
GLIN-PROFANITY – Opensource Tool **github.com/GLINCKER/glin-profanity** and **npmjs.com/package/glin-profanity**
PORTFOLIO - github.com/thegdsks and **thegdsks.com** and **linkedin.com/in/gdsks**