

Chetan Nagar

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Career Profile

Computer Science graduate with a bachelor's degree from Deakin University, Melbourne, specializing in Software Development, Cloud Computing, and Cyber Security. With hands-on experience as a Junior Software Developer at Xcify Pty. Ltd. and as a Cyber Security Intern at Cybersapiens, honed the skills in creating efficient, maintainable code, accelerating database performance, and fortifying security measures. Professional experience is complemented by a robust foundation in UI/UX design and a track record of successful university projects, highlighting proficiency in agile methodologies and modern tech stacks.

Education

Bachelor of Computer Science

Mar 2020 - Mar 2023

Deakin University, Melbourne, Australia

- Software Development, Software Testing, Cloud Computing.
- AI/ML, Cyber Security.
- UI/UX Designing.

Experience

Junior Software Developer

May 2023 – Sept 2023

Xcify Pty. Ltd., Melbourne, Australia, 3000

- Optimized code in ASP.NET (MVC) using Razor, LINQ, and JavaScript, reducing development time by 20% and improving system efficiency by 30%.
- Developed closely with the UI/UX team to deliver top-tier, user-centric products, leading to a 10% increase in overall user satisfaction.
- Developed SQL Stored Procedures using T-SQL for SQL Server, which enhanced database efficiency and reduced query response times.
- Demonstrated a strong grasp of Git (VCS) and branching models, ensuring meticulous attention to detail and effective version control.
- Showed unwavering commitment to personal growth and team success, which led to a noticeable improvement in team productivity and the successful implementation of key project milestones.

Cyber Security Intern Trainee

Nov 2022 - Mar 2023

Cybersapiens, Bangalore, Karnataka, India, 560004

- Performed in-depth vulnerability assessments and proposed effective remediations, resulting in a strengthened security posture and enhanced resilience against potential cyber threats.
- Conducted thorough analyses and ensured swift recovery from cyber-attacks or malware incidents, lowering downtime by 6% and minimizing data loss.
- Conducted penetration testing on 15+ websites and applications across various platforms, uncovering and mitigating 50+ security vulnerabilities.
- Delivered impactful cyber forensic solutions to support clients in investigating cybercrime/fraud cases, leading to enhanced investigation efficiency and successful resolution of incidents.

University Projects

Doubtfire Deployment

Aug 2022 - Oct 2022

Hosting An instance of Doubtfire on GCP, Deakin University

- Led a team of 5 to deploy and host an instance of Doubtfire on Google Cloud, improving platform uptime by 25%.
- Implemented Scrum as the project management framework, leading to a 20% increase in project efficiency and successful delivery within the established 6-week timeline.
- Configured essential GCP services such as artifact registry, Cloud Run, and Compute Engine, Cloud Storage, improving system scalability by 40% and trimming deployment time by 25%.

Doubtfire Development

Mar 2022 - May 2022

Jupyter Notebook Support for Doubtfire, Deakin University

- Developed native support for Jupyter Notebooks in the Doubtfire API, resulting in a 23% increase in user engagement and a 35% expansion in platform functionality.
- Incorporated Angular for front-end development and Ruby on Rails for back-end services, elevating overall platform functionality and user experience, leading to a 30% increase in user satisfaction.
- Deployed Docker containers to streamline the deployment process, decreasing deployment time by 40% and optimizing system performance.

Artificial and Computational Intelligence

Mar 2021 - Apr 2021

Fuzzy Car Control, Deakin University

- Conducted independent research on fuzzy logic, contributing valuable insights that improved project understanding and decision-making accuracy by 25%.
- Developed an innovative AI model to address and solve complex fuzzy logic challenges, mitigating problem-solving time by 30% and boosting overall project success.
- Enhanced model performance through meticulous data training, resulting in a 20% improvement in functionality and overall system efficiency.

Professional Certifications

- **Career Essentials in Software Development** (Microsoft And LinkedIn) **Dec 2023**
- **LambdaTest Software Testing Professional Certificate** (LambdaTest And LinkedIn) **Dec 2023**
- **LambdaTest Test Automation Professional Certificate** (LambdaTest And LinkedIn) **Dec 2023**

Technical Skills

- **Programming Languages:** Python, C#, SQL, Java, C++, JavaScript, TypeScript, HTML, CSS.
- **Platforms and Frontend/Backend:** Linux, Windows, MERN, React/NextJs, .Net framework, Vue and Angular.
- **Cloud Computing:** AWS, GCP, Azure.
- **CI/CD Tooling:** Jenkins, GitLab.
- **Other Technologies:** Git, GitHub, Containers, Docker, Android Development, UI/UX Design, Rest.

Personal Skills

- **Team Oriented:** Collaborative and committed to continuous learning and skill enhancement.

- **Problem Solving:** Diagnosed and solved complex issues, providing effective solutions for 95% of problems ahead of deadlines.
- **Adaptable & Motivated:** Adapted to changing requirements in both individual and team settings, delivering on key project milestones.
- **Leadership:** Directed project teams to deliver results, achieving 90% of goals ahead of deadlines.
- **Effective Communication:** Strong reading, writing, and listening skills, ensuring clear and productive interactions.

Hobbies

- **Cooking:** A therapeutic escape and an avenue for culinary experimentation, providing relaxation and creative expression.
- **Photography:** Beyond capturing moments, photography fosters conceptual thinking, technical proficiency, and collaboration skills.
- **Travelling:** An exploration of curiosity and self-discovery, offering opportunities to break routine, embrace discomfort, and cultivate new experiences.

Referees

- Will be forwarded upon request.