

# Anil Khand

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## EDUCATION

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### CENTRAL QUEENSLAND UNIVERSITY

Master of Information Technology

Major in Computer Science;

Cumulative GPA: 5.875/7.0;

Relevant Coursework: programming, Database, Software engineering, Project Management, Distributed system

Sydney, Australia

Mar 2022 – Nov 2023

### Deerwalk Institute of Science and Technology

Bachelor of Computer Science and Information Technology

Nepal

2014 - 2018

Major Subjects: C, C++, JAVA, DSA, DATABASE, Networking, Mathematics, AI, Web development

## WORK EXPERIENCE

### VEPRM

4 Columbia Ct,

Norwest NSW 2153

Full Stack Developer

Jul 2023 – Oct 2023

- Developed scalable web applications using React, Angular, and Vue.js; built RESTful APIs and microservices with Node.js and Python.
- Managed database (MongoDB) and implemented GraphQL for efficient data querying; optimized application performance through profiling and caching.
- Implemented secure authentication (OAuth 2.0, JWT) and conducted comprehensive testing (unit, integration) using Jest and Cypress.
- Applied design patterns, SOLID principles, and developed PWAs for cross-platform compatibility; designed responsive and accessible user interfaces.
- Collaborated in agile teams, practiced version control with Git and conducted code reviews.

### UNO TECHNOLOGY PVT. LTD.

Kathmandu, Nepal

Back End Developer

Nov 2018– Jan 2022

- Demonstrated strong proficiency in PHP, SQL, JavaScript, Python, and Node.js for full-stack web development.
- Oversaw back-end development using PHP and MySQL, focusing on website integrity, security, efficiency, and scalable data management.
- Transformed mock-ups into functional web interfaces, integrating them with MySQL databases and implementing REST APIs.
- Utilized agile methodologies and Postman for comprehensive API testing and development, ensuring optimal functionality.
- Applied version control using Git and GitHub, while demonstrating team management and leadership skills in a collaborative work environment.

## UNIVERSITY PROJECTS

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### SUDOKU

- Developed a Python-based Sudoku game using PyCharm, featuring puzzle generation (Shift Algorithm) and solving (Backtracking algorithm) with multiple difficulty levels.
- Demonstrated proficiency in Python, algorithmic implementation, data structures, and end-to-end software development through this comprehensive project.

## ADDITIONAL

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### Technical Skills:

- ☐ **Frontend Technologies:** ReactJS, Vue.js, HTML, CSS, JavaScript
- ☐ **Backend Technologies:** Laravel, Node.js, Express.js, PHP
- ☐ **APIs:** RESTful API design and implementation
- ☐ **Version Control:** Git
- ☐ **Database Management:** MongoDB
- ☐ **CSS Frameworks:** Bootstrap, Tailwind CSS
- ☐ **Tools:** Visual Studio Code, Postman, Atlassian tools, Slack, Google Meet, Microsoft Azure

**Languages:** English, Hindi, Nepal

### Key Strength:

- Effective communication: Face-to-face, Email
- Critical thinking and problem solving
- Ability to work in a team
- Advance Analytical Thinking skill
- Team Leadership
- Effective Time Management
- Customer Service