

Raghav Kirpekar

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1 Church Avenue, Mascot, Sydney

DATA SCIENCE AND ANALYSIS

Motivated and results-driven Data Science graduate seeking a challenging position within a reputable organisation as a Data Analyst. Offering a strong foundation in predictive modelling, data analysis, and data engineering, with a proven ability to drive efficiency, deliver successful outcomes and collaborate within cross-functional teams. I am passionate about leveraging my technical skills to contribute to data-driven solutions in a diverse and collaborative environment.

KEY COMPETENCIES

Data-driven strategic planning
Excellent communication skills
Critical thinking skills
Proactive and self-motivated

Cloud Data Tools - Azure, AWS (S3, Redshift, Lambda)
Big Data Tools - Hadoop, Spark, Airflow
CI/CD and DevOps - Git, Jenkins, Docker

Business Intelligence - Tableau, Power BI, Excel
Databases: MySQL, MongoDB, Redis
Programming - Python, Java, SQL

PROFESSIONAL EXPERIENCE

UnitedHealth Group - Optum Software Engineer

Aug 2020 - Oct 2023

- Developed and maintained key APIs using Java and spring boot resulting in < 1sec response times.
- Collaborated within cross-functional teams to optimise DevOps workflows, ensuring >99% application uptime in production during peak season.
- Migrated entire codebase from on-prem to Microsoft Azure - including setting up infrastructure and authentication further reducing the response time of internal APIs and enhancing security.
- Created interactive dashboards and reports using Power BI to visualize key performance metrics for stakeholders.
- Responsible for onboarding new members into the team - mentoring and knowledge transfer sessions.

World Wildlife Fund Data Analyst Volunteer

Jun 2018 - July 2018

- Analysed livestock population data to identify trends and assess the impact of climate change, applying statistical modelling techniques.
- Conducted on-ground data collection and integrated environmental insights into actionable reports.
- Produced visualizations and reports that informed sustainable practices, showcasing skills in data analysis and reporting.

EDUCATION & CERTIFICATIONS

Master of Science Feb 2024 - Present
Major - Computer Science
Specialisation - Data Science and AI
University of Sydney

Bachelor of Technology July 2016 - July 2020
Major - Computer Science and Engineering
Shiv Nadar University

AWS Fundamentals
Programming for Everyone - Python
Microsoft Azure Fundamentals AZ-900

EXTRACURRICULAR ACTIVITIES

Captain, University Basketball Team
Shiv Nadar University - Lead team to first ever gold medal in basketball men

Member, University Website Team
Shiv Nadar University - Contributed to the development and maintenance of the university website.

Special Mention, Hack2Hire (DELL)
Recognized for developing a blockchain-based e-commerce solution at Dell's Hack2Hire event.