



# DR. NAVID NOURANI-VATANI

Chief Technology Officer @ Imperium Drive

[IMPERIUMDRIVE.COM](http://IMPERIUMDRIVE.COM) | [FETCH-MOBILITY.COM](http://FETCH-MOBILITY.COM) | [PUBLICATIONS](#) | [PATENTS](#)

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## EXPERIENCE

4 Years: Startup

6 Years: Corporate

7 Years: Research

## PATENTS

More than 35 patents mainly in mobility and autonomous driving space.

## PUBLICATIONS

More than 25 peer reviewed tier-1 publications with over 600 citations.

## CONSULTATIONS

Carried out more than 50 consultations in the topics such as robotics, automation, data science, data analysis, AI, digitization, R&D and digital transformations.

## STARTUPS

Founded 2x startups in the mobility and autonomous driving space.

Secured \$2M+ in government & private funding.

Scaled to 30+ employees.

Live commercial service.

## TEAM SETUP & LEAD

Scaled teams from 0 to 25 people:

- Australian Center for Field Robotics
- Volkswagen/MAN Truck & Bus
- Siemens Mobility

## TECHNICAL ADVISOR FOR STARTUPS

3x startups within industries: Robotics, Biotech, Recruitment.

Advising CEOs and CTOs on which technical solutions they should employ, development strategies, hiring strategy and cloud solutions.

## CLOUD, AI & DIGITAL TRANSFORMATION PROJECTS

Carried out several projects for large companies in the cloud and AI space. Example projects:

### Company A

A large e-commerce business wanting to bring AI feature to their mobile app.

**Solution:** Developed a highly sophisticated architecture to enable real-time AI deployment on smartphone and cloud, including ML training/testing pipeline in the cloud and GDPR governance.

### Company B

A media corporation wanting to consolidate their cloud & data science departments after a merger.

**Solution:** Restructured and created a new AI department. Defined strategy with C-level management, developed guidelines for creating and managing a multi-disciplinary AI department, candidate sourcing, interviewing and onboarding, document generation and technical handover.

## CORPORATE-UNIVERSITY-STARTUP PARTNERINGS

Deep experience working on all sides of the table.

As a corporate R&D department manager, I engaged with and collaborated with universities and startups.

As a startup co-founder, I have successfully concluded small and very large projects with corporate and university partners.

As a resident professor, I have supervised and advised more than a dozen PhD and Master thesis, furthering our understanding in the field of robotics, leading to multiple patents and successful commercial applications.

