**Diljit Singh**

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PROFILE

Aspiring Mechanical Engineer pursuing an Meng in Mechanical Engineering (Automotive) at the University of Birmingham, with hands-on experience in CAD design (Fusion 360), FEA/CFD, and technical project coordination. Over 100+ hours of ambassador and mentoring service reflecting strong communication and leadership skills. Committed to continuous learning and passionate about applying engineering principles to solve real-world challenges.

AREAS OF EXPERTISE

Engineering Design (Fusion 360, CFD and FEA)

Technical Report Writing

Problem Solving

Project Coordination & Team Leadership

Communication & Public Speaking

Mentoring & Outreach

Creative Software (Lightroom, Davinci Resolve)

Rapid Skill Acquisition

Content Creation & Personal Branding

EDUCATION

**MEng Mechanical Engineering (Automotive), University of Birmingham,** *09/2022 - Present*

* Member of Powerlifting, Olympic Weightlifting, and Mountaineering
* Part-time Student Ambassador and Mentor
* A2B Scholarship recipient

**L3 Extended Diploma in Advanced Manufacturing Engineering, James Watt College,** *09/2020 – 07/2022*

* Grade Achieved: D\*D\*D\*
* Vice Chair of the Student Council
* James Watt Values Award recipient

EXPERIENCE

**Student Ambassador, University of Birmingham*,*** *11/2022 – Present*

* Representative the university across 100+ hours and 100+ shifts, collaborating with other ambassadors to facilitate student recruitment and outreach events.
* Ensured smooth delivery of open days and school visits by supervising and engaging students aged 11-18.
* Increased attendee satisfaction by taking initiative during unassigned tasks to resolve issues before escalated.

**Inspired@Birmingham Mentor, University of Birmingham*,*** *04/2023 – 12/2024*

* Mentored 16 students though weekly check-ins, all of whom finalised a university or course choice by providing tailored guidance and feedback.
* Enhanced mentees’ CVs and applications through structured feedback and mock reviews aligning with Russel Group university expectations.
* Developed and maintained personalised action plans with mentees, with progress check-ins inspired by my own post-16 mentoring experience.

**Online Intern, Alstom UK*,*** *08/2021 – 08/2021*

* Attended a 5-day virtual internship on the UK rail sector, gaining insight into signalling systems, service logistics, and sustainability strategies.
* Researched and presented sustainable transport solutions to an audience of 20+ students and professionals, developing presentation confidence and technical communication.
* Explored engineering career paths through direct Q&As with industry professionals, broadening career awareness.

**Mechanic Apprentice, Spectrum Motors*,*** *02/2019 – 07/2019*

* Learned the fundamentals of bodywork repair by restoring damaged panels using sanding and filing.
* Demonstrated strong time management and reliability by consistently arriving early, contributing to team punctuality and workshop efficiency.

INTEREST AND ACHIEVEMENTS

* Languages: Native in English and Fluent in Punjabi.
* Keen about content creating, with growing portfolio focused on life documenting.
* Active member of the university Olympic Weightlifting club; transitioned from powerlifting and achieved personal bests of 93kg (Clean & Jerk) and 66kg (Snatch).
* Committed to lifelong learning, frequently exploring new tools, creative platforms and technical challenges outside of academic work. Self-taught 5+ tools including Fusion 360, SolidWorks, Adobe Lightroom, Davinci Resolve, Ansys Fluent, Abaqus, C programming.