

MUNTAHA NOORUL HASSAN BHAIJI

Address: Row House no - 12, Plot no – 2 to 11, Park View CHS Ltd,
Sector -17, Nerul Navi Mumbai- 400706.

Mobile: +917506173143, +919892906451.

E-mail: muntaha.bhaiji@gmail.com, muntaha747@gmail.com



CAREER OBJECTIVE:

Accredited self-motivated Mechanical Engineer, team worker with sound background of Health and Safety Regulation's, seeking a challenging position to contribute my acquired knowledge, skills and abilities for mutual growth.

COURSE PROJECT EXPERIENCE:

University of Greenwich (London) 2015 – June 2016 Individual

Final Year Project: Micro Turbine Design.

Worked on technical and designing aspect of hydro turbines, ensuring quality control and overall efficiency of the power plant with modern techniques and distinct computations to achieve desired targets.

- Manufacturing highly efficient turbine by designing in CAD (SolidWorks) environment.
- Manufacturing the Pelton Turbines by advance rapid prototyping technique (3D Printing).
- Validate the Prototype with theoretical analysis and CFD (Computational Fluid Dynamics) Simulations.
- Compare the results of trilogy and based on technical facts analyze its efficiency and power output.
- Ensuring Safety precautions.
- Prepared reports and presentations for senior lecturers and supervisor.
- Scrutinizing technical problems, taking corrective procedures to fix the problem to avoid recurrence.
- Involved in the design of equipment, whilst at the same time taking account of cost, availability of materials, strength and maintenance requirements.

ENGINEERING, COMPUTING & TECHNICAL SKILLS:

- Well-developed project management and technical skills combined with adaptable attitude to work.
- Convincing organizational skills in multiplicity of situations to achieve limits. Self-motivated as well as excellent team player.
- People's skills, easily creating respectable working interactions.
- Adaptable and quick to learn new skills.
- Worked as a Project Manager to design and operate hydro turbine, CNC milling machine and 3D printer, for projects, assignments and course works, where design is also done to achieve desired outcome.

IT SKILLS:

- LabView, MATLAB.
- MS Office.
- MS Project.
- Reports & Presentations in PowerPoint and Poster.
- Smart sheet.

MECHANICAL DESIGN SOFTWARES:

- SolidWorks (MechanicalDesign).
- SolidWorks FlowSimulation.
- ANSYS.
- CFD (Computational FluidDynamics).
- EquationSolver.
- AutoCAD.
- Autodesk.
- SkyCiv (OnlineSoftware)

ACADEMIC QUALIFICATIONS:

- **2014 - 2016:** University of Greenwich (London, United Kingdom), Bachelor of Mechanical Engineering (Honors), Medway Campus, ME4 4TB, Chatham, Kent. Grade – 69.7% (Second Class upper division).
- **2010 – 2014:** Fr. Agnel Polytechnic (Vashi). Maharashtra State Board of Technical Education (Mumbai, India), Diploma in Mechanical Engineering (Sandwich Pattern). Grade – 78.54% (First Class Distinction)
- **2009 – 2010:** Maharashtra State Board of Secondary and Higher Secondary Education (Mumbai, India). Grade 75% (First Class Distinction)

PLACEMENT EMPLOYMENT:

- **December 2013- April 2014:** Trainee Engineer, AIR INDIA LIMITED AND ENGINEERING SERVICES INDIA (MUMBAI), +912226263238, Reference number: E/17-11-4-33/(76576).
- **June 2012- October 2012:** Trainee Engineer TATA MOTORS (BHATTI MOTORS PVT.LTD), INDIA (NAVI MUMBAI), +912227630884, support@bhattimotors.com

MEMBERSHIP:

- The Institute of Engineering and Technology (IET, London, United Kingdom), Membership Number: 1100457137.

PERSONAL DETAILS:

- **Date of Birth:** 21 September 1993
- **Nationality:** Indian.
- **Marital Status:** Single.
- **Current Location:** Mumbai, India.
- **Driving License No:** MH4320130002900.
- **Health:** Excellent
- **Extra-Curricular Activities:** Football played national twice for Maharashtra state (India). State handball player. National Rugby player represented Navi-Mumbai.
- Frequent participant in sports Competition School, College & University Sports.

REFERENCES:

University of Greenwich (London, United Kingdom).

- Dr. Stefan Zigan, Principal Lecturer, +44(0)1634883450, s.zigan@greenwich.ac.uk
- Dr. Michael Okereke, Senior Lecturer, +44(0) 1634883580, m.i.okereke@gre.ac.uk
- Dr. Mark Bingley, Head of Department, M.S.Bingley@gre.ac.uk
- Dr. Terry Gorman, Lecturer, +44(0) 1634883008, T.Gorman@greenwich.ac.uk

Other References available on request.

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