AKHIL S L

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Thiruvananthapuram, Kerala - 695542, India

OBJECTIVE

Seeking a research focused job. Aiming to contribute to projects related to advancements of simulations/ numerical methods related to mechanical/ structural engineering.

EDUCATION

- **Indian Institute of Space Science and Technology** — *Aug 2021 -* Thiruvananthapuram, India
  PhD
  ◦ Area of Research : Numerical solutions to nonlocal elasticity.

- **Government Engineering College** — *June 2019 - June 2023* Thiruvananthapuram, India
  M-Tech in Machine Design
  ◦ GPA: 9.7/10

- **Government Engineering College** — *Aug 2013 - Nov 2017* Idukki, India
  B-Tech
  ◦ GPA: 7.6/10

PROJECTS

- **Research: Solving nonlocal elasticity problems using meshfree method.** — *Aug 2021 -* [⦿]
  Tools: MATLAB, The solution to nonlocal beam bending problems is developed in matlab.
  ◦ Study of effect of selectable parameters in meshfree method on nonlocal problems.
  ◦ Static beam bending problem is solved using Eringen's nonlocal elasticity.
  ◦ Revealed the extend of

- **Project B: [Brief Description]** — *Month Year* [⦿]
  Tools: [List of tools and technologies used]
  ◦ Developed [specific model/system], achieving [specific metric]
  ◦ Implemented [specific feature], processing [specific volume] of data
  ◦ Created [specific visualization] for [specific purpose]
  ◦ Developed [specific component] for easy integration with [specific system]

PATENTS AND PUBLICATIONS

C=CONFERENCE, J=JOURNAL, P=PATENT, S=IN SUBMISSION, T=THESIS

[C.1] Your Name, et al. (Year). **Title of Conference Paper**. In *Name of Conference Proceedings*, pp. XX-XX. Publisher. Date, Location. DOI: XX.XXXX/XXXXXXX.XXXX.XXXXXXX

[S.1] Your Name, et al. (Year). **Title of Submitted Paper**. Manuscript submitted for publication in *Journal Name*.

[P.1] Inventor 1, Your Name, Inventor 3, et al. (Year). **Title of Patent**. Patent Office, Patent No. XXXXXXXXX. Registration Date: Date, Grant Date: Date, Publication Date: Date.

[J.1] Author 1, Your Name, Author 3, et al. (Year). **Title of Journal Article**. *Journal Name*, Vol. XX, Issue X, pp. XXX-XXX. DOI: XX.XXXX/XXXXX.XXXX.XXXXXXX

SKILLS

- **Programming Languages:** Language 1, Language 2, Language 3, Language 4, Language 5
- **Web Technologies:** Technology 1, Technology 2, Technology 3, Technology 4, Technology 5
- **Database Systems:** Database 1, Database 2, Database 3
- **Data Science & Machine Learning:** Tool 1, Tool 2, Tool 3, Tool 4, Tool 5, Tool 6
- **Cloud Technologies:** Cloud Platform 1, Cloud Platform 2, Cloud Platform 3
- **DevOps & Version Control:** Tool 1, Tool 2, Tool 3, Tool 4, Tool 5
- **Specialized Area:** Skill 1, Skill 2, Skill 3, Skill 4
- **Mathematical & Statistical Tools:** Tool 1, Tool 2, Tool 3, Tool 4, Tool 5
- **Other Tools & Technologies:** Tool 1, Tool 2, Tool 3, Tool 4, Tool 5
- **Research Skills:** Skill 1, Skill 2, Skill 3, Skill 4, Skill 5, Skill 6

HONORS AND AWARDS

- **Award Name A** *Month Year*
  Awarding Institution/Organization [⊕]
  ◦ Brief description of the award and its significance
  ◦ Impact or recognition associated with the award

- **Award Name B** *Month Year*
  Awarding Institution/Organization [⊕]
  ◦ Brief description of the award and its significance
  ◦ Impact or recognition associated with the award

- **Competition Achievement** *Month Year*
  Competition Name, Organizing Body [⊕]
  ◦ Specific achievement or rank in the competition
  ◦ Skills or abilities demonstrated through this achievement

LEADERSHIP EXPERIENCE

- **Leadership Role A** *Month Year - Month Year*
  Organization/Institution Name [⊕]
  ◦ Key responsibility or achievement in this role
  ◦ Quantifiable impact or improvement made during tenure
  ◦ Initiative taken or project led

- **Leadership Role B** *Month Year - Month Year*
  Organization/Institution Name [⊕]
  ◦ Key responsibility or achievement in this role
  ◦ Quantifiable impact or improvement made during tenure
  ◦ Initiative taken or project led

VOLUNTEER EXPERIENCE

- **Volunteer Role A** *Month Year - Month Year*
  Organization Name [⊕]
  ◦ Key responsibility or contribution in this role
  ◦ Impact of your volunteer work
  ◦ Skills developed or applied during this experience

- **Volunteer Role B** *Month Year - Present*
  Organization Name [⊕]
  ◦ Key responsibility or contribution in this role
  ◦ Impact of your volunteer work
  ◦ Skills developed or applied during this experience

PROFESSIONAL MEMBERSHIPS

- **Professional Organization A**, Membership ID: XXXXXXX *Month Year - Present*
- **Professional Organization B**, Membership ID: XXXXXXX *Month Year - Present*
- **Professional Organization C**, Membership ID: XXXXXXX *Month Year - Present*

CERTIFICATIONS

- **Certification A** *Month Year*
- **Certifying Body:** Certification B *Month Year*
- **Certifying Body:** Certification C *Month Year*
- **Certification D** *Month Year*

ADDITIONAL INFORMATION

Languages: Language A (Proficiency level), Language B (Proficiency level), Language C (Proficiency level)
Interests: Interest 1, Interest 2, Interest 3, Interest 4

REFERENCES

1. **Reference Person 1**
   Job Title, Department
   Organization/Institution Name
   Email: email1@example.com
   Phone: +X-XXX-XXX-XXXX
   Relationship: [e.g., Thesis Advisor, Manager, etc.]

2. **Reference Person 2**
   Job Title, Department
   Organization/Institution Name
   Email: email2@example.com
   Phone: +X-XXX-XXX-XXXX
   Relationship: [e.g., Project Supervisor, Colleague, etc.]

3. **Reference Person 3**
   Job Title, Department
   Organization/Institution Name
   Email: email3@example.com
   Phone: +X-XXX-XXX-XXXX
   Relationship: [e.g., Mentor, Collaborator, etc.]